

## **AUTOMATED EXECUTION AND RISK MANAGEMENT OF TRANSACTIONS IN SECURITIES**

### **COMPUTER LISTING APPENDIX**

This application includes a Computer Listing Appendix on compact disc, hereby incorporated by reference.

### **BACKGROUND OF THE INVENTION**

#### **1. Field of the Invention**

**[0001]** The present invention relates to an integrated computer network that enables a market maker to deliver to front end users/investors an automated execution service for securities transactions, typically for larger sized orders, that enhances the speed and certainty of executions, and which manages a market maker's trading and inventory risk by integrating internal order book and multiple market venues selected based on their trading characteristics.

## 2. Description of the Prior Art

**[0002]** As a result of the evolution and proliferation of various markets and venues for trading securities in the United States and abroad, investors often find it difficult to purchase or sell securities on an automated basis, particularly in larger quantities. Securities of individual companies often trade in several different markets or venues and investors need access to these market venues to fill larger orders. Firms that intermediate these transactions, such as dealers, market makers and exchange specialists, typically do not meet all of the investor demand for executing larger size orders and with the speed and certainty of an automated execution. Some intermediaries offer automated execution services but impose order size limitations or restrict use of the system if spreads are too narrow, during locked and crossed markets (i.e., markets where bid and ask prices are equal or inverted) and other market conditions. Market maker auto-execute capabilities for executing larger orders have been decreasing due to speed, fee and access impediments of certain market venues and the capital necessary to execute the full size of an order and/or the difficulty in quickly trading out of a large order or otherwise reducing or managing inventory risk.

**[0003]** Securities markets today, particularly in the United States, suffer from various structural inefficiencies that, while fostering price competition, inhibit efficient trading by investors and market makers in an electronic environment. The main inefficiencies include market "fragmentation" or multiple trading venues, the lack of depth or liquidity in each market venue, and the time and number of executions necessary to execute the full size of an order and receive notice of its completion. In addition, narrowing spreads caused in part by decimal pricing, increased incidents of locked and crossed markets, access fees to alternative markets and other factors have made it more difficult for market makers to devote capital and manage inventory risk

necessary to execute customer transactions automatically, particularly for larger sized orders.

**[0004]** Market fragmentation occurs when the securities of an individual company trade in more than one market or venue. Investors or market makers, therefore, may need to send orders to many different public and private markets or venues to complete the full size of an order. This process often takes time and can result in partial executions and lost opportunities to obtain execution immediately. Prices and the number of securities available to purchase or sell can change instantaneously, making the speed and the likelihood of execution important factors in deciding what market or markets to direct the order for execution. Each market venue also has different modes and protocols of electronic order entry, execution and confirmation; special access, membership and/or transaction fees; and differences in execution speed and quality.

**[0005]** There are several market venues that offer computer linkage to facilitate automated executions. Under a single securities exchange model, such as the New York Stock Exchange, Inc., one specialist for each security traded on the exchange has an obligation to set bid and ask quotes, and to execute purchase or sell orders, in rising and falling markets. Orders can come to a specialist's booth by telephone or from other brokers physically on the floor of the exchange. Other orders can come in electronically, and the NYSE has different electronic systems to execute different size orders. Specialists and other brokers submitting orders or trading interest are displayed on a computer terminal on the floor near the specialist's booth. Electronic orders coming in may be matched up against the orders displayed in the specialist's computer terminal. Last sale information is reported to the consolidated tape for public dissemination. Therefore, the price, depth and trading interest is largely contained in an integrated market, and with one specialist acting as the sole market maker for the security on the exchange.

**[0006]** In contrast, securities listed on the Nasdaq Stock Market, Inc. (Nasdaq), an interdealer quotation system consisting of competing market makers for each security linked together by a network of computer systems, are traded by many different dealers acting as market makers, each offering different firm bid and ask quotations and at size levels selected by the market maker. All market makers, and broker-dealers routing orders to market makers, interact electronically through a network of computer terminals, where bid and ask prices and related volume levels are displayed on Nasdaq's centralized SuperMontage (SM) system. Nasdaq SM also contains an order routing computer network. Nasdaq SM aggregates quotes and orders at each price level, and dynamically displays on a computer screen on a real time basis a "montage" of quotation information, including the best prices of all participants, with corresponding size on each side of the market.

**[0007]** The Nasdaq SM displays information to computer terminals at three levels. In particular, Nasdaq Level I permits members to view real-time access to inside market quotations at the national best bid and offer (NBBO) and quotations of individual market makers. Nasdaq Level II includes Level I and permits participants to view on a real-time basis all trading interest by participating Nasdaq market makers, dealers and other market venues that submit bid and ask quotes to Nasdaq for inclusion in the SM. Nasdaq Level III permits market makers only to input or change bid or offer quotations and the size or number of shares they are willing to purchase or sell at given price levels and to receive and execute incoming orders. Depending on the security listed on Nasdaq, there may be only a few market makers, or there may be many market makers, sometimes averaging 70 or more different firms, in the security and quoting multiple price and size levels. Various market systems display Level II and Level III data, for example, as disclosed in U.S. patent no. 5,297,032 to Trojan, et al., issued Mar. 22, 1994. Nasdaq charges a fee for each transaction, as well as any electronic exchange executing an order.



**[0008]** The securities of some companies listed on Nasdaq have also been granted "unlisted trading privileges" (UTP) such that those Nasdaq listed securities may also be traded on the NYSE and regional stock exchanges, such as the Cincinnati Stock Exchange, Inc., the American Stock Exchange, Inc., the Chicago Stock Exchange, Inc., the Pacific Exchange, Inc. or the Boston Stock Exchange, Inc., among others. Quotes from these exchange specialists or market makers are included in the Nasdaq SM and displayed along side market maker quotes. If an exchange specialist quote establishes the national best bid or offer and is displayed on Nasdaq's SM, or if an order routing firm selects or preferences an exchange for execution of the order, the order entered into the SM would be routed electronically from the SM to the exchange for automated execution depending on the exchange trading protocols, including different time requirements in which an order is executed. Some exchanges require separate linkages and their quotes are not accessible through Nasdaq's SM.

**[0009]** In addition to Nasdaq SM and UTP exchanges, Nasdaq listed and other securities can trade in Alternative Trading Systems (ATs), which include electronic communication networks (ECNs). Typically, ECNs are private trading venues for professional members, and each member obtains a separate computer trading terminal that is linked or connected to the ECN and its centralized order book and trading system. The ECN consolidated order book computer keeps track on a real-time basis of member bids and offers, and resulting transactions, and will automatically match or execute eligible orders electronically. Each member's trading terminal will be updated to reflect the transaction and to update the order book to take out the price and size of the executed transaction. Members may input additional bids or offers, automatically update their quotes if they designate additional or reserve size and other functionality. Membership in an ECN typically is limited to institutional investors, broker-dealers, specialists and other market professionals; retail investors typically need to use a broker or dealer to access ECN quotations, including resulting delays in execution due to the

lack of direct access. Each ECN has different electronic trading mechanics and protocols, and charge various access fees, as well as transaction fees based on the volume of each transaction. The total number of ECNs at one time was eight, including Instinet, Island, Brut, Archipelago, each representing a different market venue that may execute transactions electronically for members.

**[0010]** An additional market venue includes the process whereby dealers or market makers "internalize" orders and execute them as principal internally, without placing orders into Nasdaq SM, any ECN or other market for publication or interaction with other orders, or including such orders in their own market maker quotes. Dealer internalized orders represent additional pools of hidden liquidity that are not included in public quotation venues, but can be used by market makers to fill other customer orders on the other side of the market. If executed on a net price basis, the internalized order execution may not be included in any public quotations in any separate last sale figures, thereby reducing market impact of the execution.

**[0011]** The Securities and Exchange Commission (SEC) has required some trading venues to be linked, such that prices entered by market makers or exchange specialists in ECNs that are better than their public quotes must be displayed publicly, such as in the Nasdaq SM system. Also, if broker-dealers receive customer limit orders (orders at a limit price), they may either execute the orders, include the order in their own market making bid, or display the order in an alternative market, such as an ECN that is electronically linked to Nasdaq SM to permit public display of the limit order (unless the customer requests that the order not be displayed). Orders from other institutional members of ECNs, however, need not be displayed in a public quotation system, and possible pools of liquidity are accessible by members only, unless the ECN represents five percent or more of the trading volume in a particular security.

**[0012]** The number of securities offered for sale or purchasers by market makers at the NBBO, even if several market makers each may be quoting the best bid or offer

nationally, may not be large enough to fill larger sized orders. Therefore, if a customer wants to purchase or sell securities at a volume level larger than the NBBO, it may need to seek out alternative markets or trading venues to execute the full size of the order and at prices outside or inferior to the NBBO. The consolidated firm quotes of market makers, ECNs or exchange specialists at the NBBO may be thin, meaning such firms would be obligated to purchase or sell only a limited number of shares at the NBBO. Other market makers or dealers offering to quote at different price levels just below or above the NBBO also may not be willing to commit their capital to purchase or sell shares in any large amount.

**[0013]** Therefore, the depth of a security's available liquidity typically may not be located in one market venue, but may be quoted in several market venues (or may be internalized on a dealer's limit order book), only some of which are accessible by brokers, dealers, market makers, or in Nasdaq SM. In order to reach that liquidity necessary to purchase or sell shares, an investor, dealer or market maker may need to interact with many different market venues or pools of liquidity, at different prices, to execute the complete size of the order. In addition, the customer would need to pay for "ticket" charges (clearance and settlement fees) and/or transaction fees for each execution necessary to complete the full size of the order.

**[0014]** The speed of execution at the various UTP exchanges, ECNs and in Nasdaq SM varies, as well as the parameters, protocols and exceptions for orders receiving automated executions. The ability to execute a large order in many markets can be subject to significant delays or unwanted costs. Some investors or broker-dealers avoid certain markets if, for example, speed or automated execution is important to the transaction.

**[0015]** A market maker's quotes in Nasdaq SM are firm quotes, meaning that market makers are obligated to purchase or sell securities at volume and price levels set by the market maker upon the presentment of an order. The number of shares

quoted by a market maker and the price selected are functions of each market maker's own risk in committing its capital to be at risk if short, or to carry an inventory of securities, and to maintain a long or short position until it can trade out of or unwind the position. Any inability to unwind a position, particularly for market makers with less capital to risk, may impair their own ability to make markets of any size.

**[0016]** For those market makers that offer some form of automated execution service, several developments have made it more difficult to operate those auto-ex services for larger orders or during certain market conditions. Market making spreads (and profits) have narrowed significantly over the last few years, particularly with the competition of ECNs and alternative markets, and due to the advent of decimalization and the one-cent minimum price increment. Market makers trading Nasdaq securities, therefore, have found it more difficult to take risk by devoting capital to execute transactions or to carry long or short securities positions in inventory. These developments have caused market makers to reduce their ability to provide automated executions in response to customer orders, or they have limited the size of the order to reduce overall capital commitments, particularly at or near the NBBO where risk that a firm quote execution is more likely. The NBBO price, therefore, may be "flickering," with little trading interest or depth, but there may be greater willingness to trade or commit capital, and larger volume levels, at prices outside the NBBO and often at graduated levels of pricing.

**[0017]** Because of decimalization, a one-cent minimum price increment, and market fragmentation, investors, dealers and market makers find it more difficult, time consuming and expensive to obtain a quick execution of a larger order. There is a wide range of price points quoted by intermediaries in different markets that investors may need to access in order to execute a larger order, as well as the ability for a market maker to trade out of the position and reduce its own inventory risk. Prices, and available liquidity, are known to move in split second timing due to other trading interest

in the market, such that a quote in Nasdaq SM, a UTP exchange or in an ECN may not be available by the time an investor or other market maker attempts to execute an order against a market maker's firm quote. This can further change the ultimate price of an execution, delay execution due to a lack of available liquidity and create principal trading risk for market makers.

**[0018]** Many investors have a need for immediate execution, and many professional traders have sophisticated trading strategies for which they need to hedge or reduce their risk by purchasing a large block of securities. Therefore, speed and certainty of execution and a consistent price related to the NBBO can be an important trading characteristic that cannot be executed efficiently through a series of orders directed to various fragmented markets. Thus, there is a need for an automated execution system for securities transactions that enhances the speed and certainty of the transaction, especially for large orders.

### SUMMARY OF THE INVENTION

**[0019]** The present invention enables market makers to deliver to investors, brokers, dealers and other market makers (users) an automated execution service, typically of a larger order size, that captures available liquidity in one or more market venues selected by the user and meeting a user's need for speed and certainty of execution, including Nasdaq SM, certain UTP exchanges and certain ECNs, and capturing any undisclosed customer limit orders held by a market maker, all with the added benefit of reducing ticket charges, trading fees and the market impact of a transaction.

**[0020]** The present invention also permits market makers to deliver to users an automated execution of larger size orders immediately at a "net price" based on the size weighted average price (SWAP) of securities traded in selected market venues, and

with only one ticket charge, instead of separate partial fills and trade execution fees for each execution. A market maker also may permit a user to obtain automated executions of larger size orders immediately on a riskless principal basis, either obtaining a series of executions and prices, or requesting a single weighted average price. The execution module can rank each market venue and thereby decide whether to include or exclude them when pricing or executing orders based on an evaluation of speed, costs, quality of executions and other factors. A net price principal execution would attempt to reduce the market impact of a larger order because the SWAP executions may access a market maker's internal limit order book and reducing the number of lay-off transactions by the market maker.

**[0021]** In accordance with the present invention market makers can efficiently manage trading risk and inventory replenishment or reduction using an integrated front end and back end computer network designed to maximize trading speed and efficiency. In particular, a market maker can immediately execute transactions in response to customer orders, on a principal or riskless principal basis, to permit the market maker to run an automated execution system under most market conditions and at larger order sizes. The risk management element includes an ability to route orders to the most advantageous market venues necessary to complete the order and to tap possible hidden pools of liquidity. The system also may enhance liquidity and execution of customer limit orders and reduce or unlock locked and crossed markets.

**[0022]** Unlike other prior systems which attempt to create a network to deliver consolidated market information, data, analytics and order entry to terminals used by end-user investors, such as disclosed in U.S. patent no. 6,278,982, assigned to Lava Trading, Inc., the present invention is an integrated front end and back end service for market makers to provide investors with an automated execution service using only select market venues to maximize speed and certainty of execution and to manage inventory risk.

**[0023]** The invention uses various front end linkages to broker-dealers and institutional investors; internal market maker/dealer order book management and integration; and back end linkages to Nasdaq SM, UTP exchanges and ECNs to deliver aggregated liquidity from disparate market venues, while enabling a market maker to manage risk by accessing liquidity and executing orders in such market venues to replenish or reduce inventory. Users can obtain market pricing and volume information from various trading venues, and from an internal limit order book maintained by the market maker, and to select those venues that offer the user and/or market maker to maximize the speed and certainty of an execution, to pre-select the mode of execution (principal/riskless principal) and to determine execution pricing (net price, trade for trade riskless principal or average price riskless principal).

**[0024]** From direct and indirect data feeds from and to these market venues, a market maker, as the operator of the system, can select those venues to receive and transmit data and provide a user different venues from which to obtain pricings and executions and that meet the market maker's and the user's trading and risk management needs. The system operator then can determine those markets with the best prices and different volume levels necessary to respond to a customer order. In response to a customer or user order, the system will permit the system operator to compile pricing and volume information from the trading venues selected. For a net price trade, the system will determine the best available prices in the trading venues selected and use that data to calculate a size weighted average price (SWAP) incorporated into the net price. The net price includes the SWAP and a pricing component that relates to a market maker's risk for trading as principal.

**[0025]** In accordance with the invention, a user, when linked electronically through their computer terminal, can query the system to obtain sample net price quotes and/or to send an order to a market maker as a system operator to execute an order. The sample quote presentation may be provided as a graphic display of available

liquidity and pricing at the NBBO, within Nasdaq SM and with an automated execution by the system operator at a net price as principal using the system, and a comparison of the number of executions needed to obtain NBBO and Nasdaq SM executions as compared to a single trade at a net price using the system.

**[0026]** Upon receipt of a net price order by the market maker, the market maker's computer system will query pricing and volume information from selected market venues and determine the SWAP and net price. If a user selects a net price trade, the system will permit the market maker to first execute the full size of the order instantaneously as principal with the investor. The market maker will be at risk, but also can use the system to reduce that risk by immediately taking the securities purchased from the user and selling them to trading venues willing to purchase, or taking the securities sold to the user and purchasing additional shares in select venues to replenish inventory, if necessary. The system's algorithms, and access to alternative market venues, permits the market maker to select the best market or markets to reduce its trading position or risk, and in the most efficient manner. To the extent the market maker maintains an internal limit order book, it may offer an opportunity to decrease the market impact of an order, because the market maker may be able to internally execute those limit orders without executing corresponding transactions in other market venues and related trade reporting. This feature provides customers anonymous trading via internalization and protection of other customer limit orders.

**[0027]** For riskless principal transactions, the service permits a market maker to access trading information in various trading or market venues, including Nasdaq SM, UTP exchanges and those ECNs of which it is a member, and execute orders against available liquidity in those markets, including those ECNs that are included by the system operator.

**[0028]** The present invention allows users to choose to submit market, market with cap, or limit orders. A market with cap order allows the user to specify the price up



to which orders should be executed automatically, leaving any unfilled quantity to be executed manually on a market not held basis or possibly configured to reject the balance. For example, when a user clicks an "AutoFill Limit" button, an order is sent that specifies as a limit or market cap price the price returned in the last snapshot sample quote.

**[0029]** Because a system operator can access Nasdaq SM, UTP exchanges and ECNs directly, it can obtain pricing and volume information necessary to determine whether there is sufficient liquidity in the market to exercise the full size of the order, and if so, to electronically and automatically execute orders in those trading venues. It also may use internal or other pools of liquidity to reduce risk. These features permit a market maker to manage its market making and capital commitment risks, thereby enhancing its ability to operate an automated execution service handling larger sized orders on a more continuous basis.

#### DESCRIPTION OF THE DRAWING

**[0030]** These and other advantages of the present invention will be readily apparent from the following specification and attached drawing wherein:

**[0031]** FIG. 1 is a screen shot of an exemplary order entry screen for use with the present invention, shown after a quote or an order has been requested to purchase 15,000 shares of COMS stock.

**[0032]** FIGS. 2A-2C are screen shots of exemplary status screens which maintain the status of the various open positions and closed positions using the present invention.

**[0033]** FIG. 3 is a block diagram of an automated securities execution system in accordance with the present invention.

[0034] FIG. 4 is a data flow diagram of the software in accordance with the present invention.

#### DETAILED DESCRIPTION

[0035] The present invention relates to an automated execution and risk management system for transactions in securities. The system facilitates quick execution of orders, particularly larger orders, of securities for various clients, including broker-dealers and their customers and for institutional investors, whose paramount objectives for any particular transaction are the speed and certainty of an automated execution for an order size typically greater than the size displayed at the NBBO. The system, in accordance with the present invention, enables various users to capture greater depth and liquidity immediately and automatically and in a single execution (or in single or multiple riskless principal executions), unlike known systems which result in delayed or multiple executions, often at different prices, with multiple access fees and related costs. As such, the system, in accordance with the present invention, minimizes the risk that markets may move while an order is being filled.

[0036] In accordance with an important aspect of the invention, as will be discussed in more detail below, orders, including larger size orders, are automatically executed as principal in one transaction and a net price that includes a size weighted average pricing synthesis of fragmented liquidity. In accordance with another aspect of the present invention, the system provides users with access to displayed and certain undisplayed liquidity efficiently in one automated net price transaction or a single or in multiple riskless principal transactions, typically in sizes greater than the displayed NBBO size. In particular, the system operator assumes the capital risk for executing orders as principal and assumes the market risk. Because the system permits an operator to trade as principal or riskless principal to fill the complete order size on an

automated basis, investors have a greater likelihood of obtaining liquidity and completing their transaction immediately. The system manages trading and inventory risk by integrating internal order book and multiple market venues.

### EXEMPLARY ORDER SCREENS

**[0037]** An exemplary order screen in which a user can enter orders to purchase or sell securities is shown in FIG. 1 and identified with the reference numeral 20. An order entry screen 22 may also include a display of the status of open and closed positions and comparison quotations, as illustrated in FIG. 2A. Alternative status screens for maintaining the status of the various open and closed positions are shown in FIGS. 2 and 2C.

**[0038]** Referring to FIG. 1, a user enters the type of transaction by typing a "B" for buy or "S" for sell, the number of shares and the trading symbol of the security (for example, B 15000 COMS means buy 15,000 shares of the security COMS) in an order entry box 24. A snapshot quote can be obtained by pressing a "Snapshot" button 26. A "Reload" button 28 provides additional sample quotations. A "Place Order" button 30 is provided for placing orders. When the "Place Order" button 30, or "AutoFill Limit" 47 button (FIG. 2B), is depressed, the system will execute the order as discussed below. A user may also enter a limit order price into the order entry box 24 (FIG. 1) along with the number of shares and the volume.

**[0039]** In response to a snapshot quotation (or reload) request or a Place Order request, the system may be configured to display the requested order information, along with the following information. For example, the order entry screen 20 may display the number of shares from zero to the size of the order in equal increments, i.e., 0-15,000 in increments of 3000 as shown in FIG. 1. The order entry screen 20 may also display a

series of comparative information in several formats, for example, a plurality of bar graphs 32, 34 and 36, comparing pricing and execution information for the NBBO (national best bid and offer), SUMO (Nasdaq SuperMontage) and AUTOFILL (net price SWAP transaction). The bar graphs 32, 34 and 36 may display the number of shares available at the NBBO, in SUMO and through AUTOFILL. If an order size is too large, the graph will display a message "not enough liquidity" to indicate that there are not enough quotations in the market for AUTOFILL to complete the full size of the order.

**[0040]** The order entry screen 20 may display the number of shares available at the NBBO and the price of all shares available at the NBBO under the term "Availability" in a box 38 labeled NBBO. Similarly, a box 40 labeled "SUMO," may be used to display the number of shares available in SUMO and the average price of all those shares under the term "Availability". An AUTOFILL box 42 may be used to display the number of shares requested by the user and show either the snapshot quote or the number of shares actually executed and the net price using the SWAP pricing under the term "Availability". If the user is set up to have orders executed on a riskless principal basis, instead of a net price basis, the AUTOFILL box under the term "Availability" may indicate the number of shares executed and the average price of all shares executed. The NBBO, SUMO and AUTOFILL boxes 38, 40 and 42 may indicate the number of separate executions or ticket charges the user would incur if the user separately were able to execute all shares at the price quoted at that point in time. For example as shown, in the sample Snapshot illustrated in FIG. 1 or order for B 15000 COMS, the user could have obtained 3600 shares at the NBBO price of \$4.66 in 12 separate executions or ticket charges, the user could have obtained 13600 shares in SUMO at \$4.6983 in 22 separate executions or ticket charges, or the user could obtain all 15000 shares at a net price of \$4.68046 in one execution. For all net price trades, the number

of ticket charges in the AUTOFILL Tickets box will always be one. As noted in the example, the net AUTOFILL price also may be better than the price in SUMO.

**[0041]** Orders can be cancelled by checking a "CANCEL" box 43 (FIG. 2A) on the status screen 22. Alternatively, orders can be cancelled and replaced by way of a "CR" (cancel/replace) button 49 (FIG. 2A). Depressing the cancel/replace button 49 causes orders to be cancelled and replaced with orders entered into a "short hand order" box 45. An AutoFill limit button 47 (FIG. 2B) is also provided. The AutoFill limit button initiates a limit order using the snapshot quote as a limit price.

**[0042]** As an alternative display format, a user may select the alternative line graph button 44, which will display the same information as discussed above using line graphs and color coding to differentiate between NBBO, SUMO and AUTOFILL. The line graph displays the number of shares, the prices and the number of ticket charges.

### SYSTEM DIAGRAM

**[0043]** FIG. 3 illustrates an exemplary embodiment of a block diagram of the automated execution and risk management system for transactions in securities in accordance with the present invention, generally identified with the reference numeral 101. The system 101 may include a number of exemplary software modules, as shown, implemented in one or more servers. For the exemplary embodiment shown in FIG. 3, the system 101 may include a QFIX\_CMM module 103; a QFIX\_BRASS module 105; a BRASS PowerData feed 107; a rules engine 109; a price module 111; a pre-execution module 113; an execution module 115 and an atomic order router 117.

**[0044]** The QFIX\_CMM module 103 is a gateway or portal for all clients. In one embodiment of the invention, the QFIX\_CMM module 103 is configured as a financial information exchange (FIX) engine that allows clients 121 to communicate over a

network atomic order router 117, which may be a secured network, such as virtual private network (not shown) using FIX protocol. FIX protocol is an open-source protocol that defines the format of messages on a session-level interaction between two applications, such as an application between clients 121 and the QFIX\_CMM module. Additional information regarding the FIX protocol is available at [www.fixprotocol.org](http://www.fixprotocol.org).

**[0045]** It is to be understood that communications between the clients 121 and the system 101 may be other than by way of the FIX protocol. Virtually any communication protocol can be used. The FIX protocol described and illustrated is merely exemplary.

**[0046]** The system is configured to allow clients 121 to send orders, request snapshots and reload requests. Cancel and cancel/replace requests may be accepted for orders that have not been completely filled. Orders sent by clients 121 using the FIX protocol are received by the QFIX\_CMM module 103 which may convert the order to a different protocol after which the order is passed on to the QFIX\_BRASS module 105. The QFIX\_BRASS component 105 monitors the system's open order book, as maintained by a BRASS feed 107. The BRASS feed 107 may be, for example, a PowerData feed, available from SunGard Trading Systems/BRASS ([www.sungard.com](http://www.sungard.com)). The Brass PowerData feed 107 provides a single point of access to multiple trading venues 123, such as multiple electronic communication networks (ECNs) maintained, for example, by BRUT, Island, Archipelago and Instinet, B-Trade, and the Nasdaq SM. In particular, the PowerData feed 107 is a digital feed of real time exchange and market data for integration into dynamic applications. This feed 107 synthesizes price and trading information into a single data stream.

**[0047]** The QFIX\_BRASS module 105 communicates with a rules engine 109, a price module 111 and pre-execution module 113 in order to process orders for securities as shown in FIG. 3. Orders are executed by a "dumb" order system which may include an execution module 115 and an atomic order router 117. The pre-

execution module 113 and the execution module 115 are available from Magic Works, LLC, East Windsor, New Jersey. Other software is also suitable, such as PowerNet, available from SunGard Trading Systems ([www.sungard.com](http://www.sungard.com)). The source code for the Atomic Order Router 117 is contained on the compact disk Appendix.

### RULES ENGINE

**[0048]** The rules engine 109 is a database-driven component that defines specific rules for each customer. For orders marked with a special flag (i.e., AutoFill flag) that meets the requirements set forth in the rules engine 109, the order is sent first to the price module 111 and subsequently to the pre-execution module 113. The rules engine 109 allows each order to be customized for each customer or user. As such, orders may be configured to create rules at the following levels: customer, symbol, price level, branch, order (buy or sell), trade mode (risk, riskless, agency model), takeout mode and quantity and stored in a database before any orders are placed.

**[0049]** The rules engine 109 may also be used to determine customer pricing. The rules engine 109 can be used to regulate on a per-customer, per-branch basis the quality of execution pricing above and beyond liquidity available in Nasdaq's SM, the number of price levels within ECN books, as well as the system operator's own order book.

**[0050]** Risk management rules may be used to determine the trading mode and manner in which the orders are to be handled. For example, the system may be configured to handle trades on different levels as follows:

**[0051]** • Number of pricing levels to be included on a per customer/branch/symbol basis.

**[0052]** • Which price levels to use, and what percentage of each.

- [0053] • Percentage of Liquidity check rule specifies that if an order is less than a configurable percentage of NBBO size, do not perform auto-takeout unless customer is *riskless principal*.
- [0054] • The Rules Engine may also provide a rounding rule configurable for all conventional rounding methods.
- [0055] • risk principal – Transactions are automatically executed at a size weighted-average pricing synthesis of fragmented liquidity.
- [0056] • riskless principal – The system may also be configured to enable securities transactions in a riskless principal mode. Riskless principal trading relates to orders filled utilizing the actual market maker execution price plus a mark-up or mark down and separate ticket charges for each transaction.
- [0057] • agency mode – This mode includes riskless principal trades where a market maker delivers a single execution to the customer using the average price of executions plus markup/markdown and a single ticket charge.
- [0058] The rules engine 109 can also be used to assign a pricing component that relates to a market makers risk for trading as principal. This pricing component may be integrated into a net price principal trade and reported to the tape as such.

#### PRICE MODULE

[0059] A price module 111 computes the pricing, utilizing the various business rules from the rules engine 109. The price module 111 receives requests from the QFIX\_BRASS module 105 and determines the quantity and price or prices at which the order is executed. The system may also provide a rounding rule configurable for all conventional rounding methods.



**[0060]** For AUTOFILL net price trade modes, the price module 111 calculates a net price as discussed below for the order and posts it in the box 42 (FIG. 1) on the order entry screen 20. An example of a SWAP price calculation is provided below. Data from the price module is then passed on to the pre-execution module 113. The pre-execution module 113 plans and monitors execution of large orders from the QFIX\_BRASS module 105. In general, the execution module 115 receives requests from the QFIX\_BRASS module 105 for auto-takeout and logs the execution.

### ORDER EXECUTION

**[0061]** Orders may be executed by way of order execution module 115 and an atomic order router 117. The execution module 115 plans and monitors execution of large orders through atomic orders and enforces price limits for auto-takeout. The order execution module 115 is a "dumb" system that simply executes orders under the influence of the pre-execution module 113. The pre-execution module 113 also interacts with manual overrides and cancellations to adjust the order size. Orders from the order execution module 115 are passed on to an atomic order router 117 that executes the order. The atomic order router 117 interacts with different ECNs, as well as with Nasdaq's SM, and selects the best route for execution of an immediate order. The atomic order router 117 maintains a state machine for atomic orders and provides a status, such as acknowledged, partial fill and cancelled. Various systems may be used for the pre-execution module 113 and the order execution module 115 as discussed above.

### DATA FLOW DIAGRAM

**[0062]** FIG. 4 illustrates a software data flow diagram for the automated execution and risk management system 101 for securities transactions in accordance with the present invention. Initially, the QFIX\_CMM module 103 listens for customers to

log in. During a ready condition, the QFIX\_CMM module 103 is connected to the QFIX\_BRASS module 105, which, in turn, is logged into the BRASS module 107. As mentioned above, the BRASS PowerData feed 107 maintains the order book for the system. Initially, in step 119, an order from a client 121 is received in FIX format. The order is converted to another format compatible with the system by the QFIX\_CMM module 103 and passed on to the QFIX\_BRASS module 105 in step 123. The QFIX\_BRASS module 105 checks the order to determine if it is designated as an autofill order in step 130. If not, the system reverts to the QFIX\_BRASS module 105 in step 131. For non-autofill orders, the QFIX\_BRASS module 105, in turn, sends the order to the BRASS module 107 in step 122. The BRASS module acknowledges the order and returns an acknowledgement to the QFIX\_BRASS module 105 in step 124, which, in turn is acknowledged back to the QFIX\_CMM module 103 in step 126. The QFIX\_CMM module 103 converts the acknowledgement to FIX protocol, for example, and acknowledges the order back to the customer in step 128. Once an order is acknowledged, the client can receive full or partial execution for these orders and can cancel or replace any unexecuted portion of the order. Each of these commands and acknowledgements are handled in the same manner as discussed above.

**[0063]** If the order is an autofill order, the system 101 automatically executes the order according to a predetermined set of rules stored in the rules engine 109. As discussed above, these rules may include trade mode (risk, riskless, agency model), takeout mode and quantity. Other rules may also be incorporated. The rules are stored on a customer level. Clients of customers may be subjected to the same rules as the customer and for market makers as systems operators. As such, when customers place an order, the system 101 automatically retrieves the rules for the customer placing the order and automatically fills the order according to the rules for that customer if the "Place Order" button 30 (FIG. 1) is depressed on the order screen. Alternatively, if the "Snapshot" button 26 or "Reload" button 28 are depressed, the

system merely returns sample quotation data and comparative quotation data for the indicated transaction.

**[0064]** The system 101 continuously checks in step 130 to determine if autofill orders have been placed. If an autofill order has been placed, as determined in step 130, the system 101 checks the rules engine 109 in step 132 to determine if a rule exists in its database for the particular order, customer or symbol combination. If there is no rule, the order is handled by QFIX\_BRASS module 105 and executed per default rules, if they exist, or otherwise as a non-autofill order in step 133. If a rule does exist for the particular customer, as determined in step 132, the QFIX\_BRASS module 105 obtains the information from the rules engine 109 regarding how the order is to be processed (i.e., auto-takeout/no auto-takeout), price levels, principal auto-fill, riskless principal, trade-for-trade, or agency model-riskless with one ticket. The QFIX\_BRASS module 105 utilizes this information to format a price request for the price module 111 in step 134. In response thereto, the price module 111 returns a customer execution price and the available quantity to the QFIX\_CMM module 105 in step 136.

**[0065]** The system 101 next checks in step 138 whether the price request submitted by QFIX\_CMM 103 is rejected by the price module 111. If the price request is not rejected, the system 101 next checks in step 140 the trade mode. In particular, the system 101 first determines whether the order is an auto-takeout order. If not, the system 101 determines in step 142 whether the order is marked as a principal order and whether or not there is sufficient liquidity. If so, the order is formatted and sent to the QFIX\_BRASS module 105 in step 144 for execution. If there is not enough liquidity, the order is marked as "not enough liquidity available" and will revert to the QFIX\_BRASS module in 105 and follow the rule for that customer in step 145. If the order is set for auto take out, the system checks whether the order is a principal order and sufficient liquidity exists as determined in step 146, and if so, the order is sent in step 148 to the QFIX\_BRASS module 105 for execution.

[0066] In step 150, the system checks whether a partial fill rule exists. In particular, if the size of the order is less than a certain percentage of the overall liquidity, the order is executed in step 151. If the order size is not less than a certain percentage of the liquidity, the limit order protection is calculated in step 152. For auto-takeout orders, in a principal mode, the system 101 determines whether enough liquidity exists, in step 154. If the order is an auto-takeout order, the lesser of the original quantity or available liquidity minus limit order protection obligations as determined in steps 152 and 158 is determined and sent to the pre-execution module 113 in step 158. The trade is then sent to the QFIX\_BRASS module 105 in step 160. When the trade arrives, the QFIX\_BRASS module 105 formats the trades and sends it to the execution module 115 in step 164. The QFIX\_BRASS module 105 checks in step 166 whether the order was a riskless principal order with multiple tickets or whether there was not enough liquidity. If yes, then the QFIX\_BRASS module 105 formats the executions and sends them to the execution module 115 after each trade is sent in step 168. If the trade order is marked riskless principal with a single ticket, as indicated in step 170, a single execution will be formatted by the QFIX\_BRASS module 105 and sent to the Brass module 105 in step 172 after the final message arrives from the pre-execution server 113. All requests for orders that are received by the QFIX\_CMM module 103 and executed by the system are sent back to the client. A database archives all underlying orders that comprise the price returned for snap quotes, as well as for those that comprise the actual customer execution price and the risk management take-out.

#### NET PRICE

[0067] The net price of any AutoFill execution is comprised of two elements. All net prices are computed at the time an order is received. The first element is the size weighted average price (SWAP) of "displayed" market participant quotes on the opposite side of the order (i.e., sell orders measure the SWAP of market participant bid

quotes; buy orders measure the SWAP of market participant offer quotes).<sup>1</sup> SWAP calculations, including levels of displayed liquidity captured or included in a price, may vary from user to user. SWAP also will include any price improvement due to rounding of some ECN pricing data. Some market participant quotes (currently the American Stock Exchange) may be excluded from the SWAP calculation (and corresponding size/liquidity). The SWAP component may include the system operator's own market maker quotation (which may include customer limit orders) if the system operator's quote is at the NBBO or otherwise is necessary to fill the order, as well as any limit order received by system operator and displayed in an ECN. In a net price trade, the system operator may not be trading on a riskless principal basis. Therefore, the SWAP component of the net price may not be based on the system operator's own price when purchasing (selling) those shares and then reselling (repurchasing) them to the customer. The SWAP component only represents displayed liquidity in the market, but provides a useful, consistent pricing measurement directly related to the market as reflected in system operator's net price.

**[0068]** The SWAP price is calculated as provided below:

$$\text{SWAP} = (S_1 * P_1 + S_2 * P_2 \dots \text{to } S_n * P_n) / (S_1 + S_2 \dots S_n), \text{ where}$$

$p_n$  = price of shares

$S_n$  = number of shares at price  $p_n$

**[0069]** The second element of the net price is the risk factor. Because the system operator is trading as principal and subject to market risk, the net price may be outside the actual SWAP by an amount based on the market capitalization or liquidity of

---

<sup>1</sup> The "displayed" liquidity means market participant quotes in the national market system for Nasdaq-listed securities, including quotes by market makers and ECNs in Nasdaq's SM and the NASD's ADF, and by specialists on UTP exchanges. The displayed liquidity would not include other potential liquidity not displayed to the public; for example, it would not include any "reserve size" or undisplayed limit orders. In addition, a system operator may, from time to time, exclude from the SWAP certain quotes and volume figures from some UTP exchanges, ECNs or other market participants trading Nasdaq stocks. Omitting certain quotes and volume figures may limit a system operator's own ability to offer liquidity that may be displayed in some market centers.

the security in question, the depth of the market, the size of the order, market access fees, system operator's risk management and trading firewall policies and the trading characteristics of the user. The system operator likely will have access to all major market participants, and pay related access and user fees. The system operator may negotiate at arms length different pricing parameters including different SWAP pricing levels with each participating dealer, order routing broker-dealer or institutional customer, which may change from time to time based on the above factors.

**[0070]** As a principal trade at a net price, the net price will be the same price reported to the consolidated tape.

### **Pricing Request Protocol**

**[0071]** Exemplary protocol for requesting pricing is provided below:

- The Liquidity Prices provider acts as a server
- The Rules Engine acts as a client
- Connection: TCP/IP, client opens connection to server on a specified port (default 31103)
- Communication between the server and client consists of ASCII text lines terminated by <EOL> sequences ("r\n");
- (\*) After the connection is established, client is prompted for login and password: it monitors input for a string "login:" and sends login string followed by <EOL> ("r\n"); then monitors input for string "password:" and sends password string followed by <EOL>. Server sends a string starting from an error code. Error codes are: 230 (*access granted*) and 530 (*access denied*).
- (\*) Client has 3 attempts for login, after third unsuccessful server drops the connection;
- After login, client ignores all lines starting with space (ASCII 32). They are debug messages. Client may log them.
- At any time if connection is lost the client must be able to detect that and reconnect to the server. After reconnection, client must (if needed) resend pending requests to the server.

### **SWAP Liquidity Price Request**

- Client sends request strings followed by <EOL>. Each request starts with ASCII letter 'R' for SWAP liquidity specifying that this is a request for liquidity price. Fields in the request string are separated by one or more spaces (ASCII 32). Request

format is as follows:

**R** <request id> <symbol> [-]<number of shares> <price cap> [<ECN levels>]  
<EOL>

- o <request id> - any unique for this session integer (client may use a simple integer counter incrementing with every request; counter is reset when the connection is established)
- o <symbol> - symbol for the security
- o <number of shares> - integer specifying number of shares, negative value means sell, positive – buy)
- o <price cap> - could be 0 (means no cap), otherwise is treated as a double float value of the price cap
- o <ECN levels> - number of ECN book levels included in the calculation, default – no limit. The server includes no more than specified number of price levels when looking for liquidity in available ECN books, although it uses all possible price levels of the NASDAQ montage (Level II or Super montage).
- o <EOL> - “\r\n” sequence

Examples:

R 12345 MSFT -100 24.6 2

R 12346 AAPL 30000 0

- Server asynchronously sends reply messages. They are started with ASCII letter 'Q' and have format as follows:

**Q** <request id> <symbol> [-]<number of shares> <liquidity price>  
(Continued from previous line) <Market 1 SWAP data> [<Market 2 SWAP data>]  
<EOL>

- o <request id> - the original request id from the R message;
- o <symbol> - symbol for the security
- o <number of shares> - integer specifying number of shares, negative value means sell, positive – buy)
- o <liquidity price> - double float value for the liquidity price
- o <Market SWAP data> syntax:  
    <Market Symbol>=<number of shares>:<liquidity price>
- o <EOL> - “\r\n” sequence”

Examples:

Q 12345 MSFT -100 24.6 ISLD=-100:24.6

Q 12346 AAPL 10000 14.4 ISLD=100:14.4 INST=900:14.4

If the price cap is not specified in the request message, and total market liquidity is less than specified in the request, <number of shares> gives the total available liquidity.

### **Periodical SWAP Liquidity Price Request**

This request is similar to the simple SWAP Liquidity Price Request; the difference is that the client specifies the update time (in seconds) and the server sends Q packets periodically. The first Q response is sent immediately after the request. Every consecutive Q response has the same ID as the corresponded request; this gives an opportunity to distinguish between responses even if they have the same symbol and other parameters.

Syntax for the Periodical SWAP Liquidity Price Request:

**P <request id> <symbol> [-]<number of shares> <price cap> <time interval>  
(continued) [<ECN levels>] <EOL>**

<time interval> - update time in seconds (\*). Default is 1 sec.

Example:

P 12345 MSFT -100 24.6 5 2

The client will receive updates every <time interval> seconds, until it disconnects or issues an unsubscribe request in the form:

F <request id>

<request id> - the same request id as in the first P packet.

Example:

F 12345

----  
(\*) – Optional

### **BBO request**

- This type of request starts with 'B' followed by integer request id, symbol, and <EOL>:

**B <request id> <symbol> <EOL>**

- <request id> - any unique for this session integer (client may use a simple



integer counter incrementing with every request; counter is reset when the connection is established)

- <symbol> - symbol for the security
- <EOL> - "\r\n" sequence

Example:

B 12345 MSFT

- If symbol is recognized by the server, it sends a reply starting with 'O':

**O <request id> <symbol> <BBO ask>:<BBO ask size>/<BBO bid>:<BBO bid size>**

*(Continued from previous line)* [**<Market BBO quote 1>**] [**<Market BBO quote 2>**] ...  
**=OL>**

**<Market BBO quote> syntax:**

**<Market Symbol>=<Best ask>:<Best ask size>/<Best bid>:<Best bid size>**

Example:

O 12345 MSFT 25.79:18600/25.78:11000 ISLD=25.79:2000/25.77:100  
 IST=25.79:9400/25.78:700

### **Periodical BBO request**

This is a variation of the BBO request for the case if the client needs to receive BBO packets (type O) periodically. The syntax is as follows:

**N <request id> <symbol> <time interval> <EOL>**

<time interval> - update time in seconds (default: 1 sec)

The client will receive updates every <time interval> seconds, until it disconnects or issues an unsubscribe request in the form:

F <request id>

<request id> - the same request id as in the first N packet.

**[0072]**

**[0073]** Obviously, many modifications and variations of the present invention are possible in light of the above teachings. Thus, it is to be understood that, within the scope of the appended claims, the invention may be practiced otherwise than as specifically described above.

**[0074]** What is claimed and desired to be covered by a Letters Patent is as follows:

dir.txt

Volume in drive D is CAF  
Volume Serial Number is 0E6E-3BA2

Directory of D:\

10/31/2003	01:36p	<DIR>	cvs
11/04/2003	10:16a		30,483,968 cvs.Mon.tar
		1 File(s)	30,483,968 bytes

Directory of D:\cvs

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/15/2003	09:58a	<DIR>	.ssh
10/24/2003	02:02p	<DIR>	auto fill VT
10/31/2003	04:08p	<DIR>	autoFill
10/24/2003	02:02p	<DIR>	AUTOFILL_SNAPSHOT
10/31/2003	04:04p	<DIR>	cafweb
10/31/2003	04:01p	<DIR>	cmm
10/30/2003	02:54p	<DIR>	CVSROOT
10/31/2003	04:01p	<DIR>	ets
10/24/2003	02:02p	<DIR>	FOREIGN_QUOTES
10/31/2003	04:08p	<DIR>	prule
10/24/2003	02:03p	<DIR>	qfix
09/19/2003	11:24a	<DIR>	syblib
10/22/2003	10:43a	<DIR>	tmp
10/30/2003	02:55p		9,955 .bash_history
08/23/2002	02:01p		24 .bash_logout
08/23/2002	02:01p		191 .bash_profile
08/23/2002	02:01p		124 .bashrc
08/28/2002	05:57p		854 .emacs
09/10/2002	01:00p		120 .gtkrc
10/30/2003	02:54p		5,466 .viminfo
09/23/2003	08:32a		56 .xauthJcCSDN
10/24/2003	12:29p		66 .Xauthority
10/30/2003	10:58a		65 .xauthzfam6x
09/15/2003	11:02a		71 backup_sh
10/24/2003	02:06p		5,027 cvscommitemail.pl
10/27/2003	10:44a		1,173 dead.letter
		13 File(s)	23,192 bytes

Directory of D:\cvs\.ssh

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/15/2003	09:58a		887 id_rsa
09/15/2003	09:58a		225 id_rsa.pub
10/28/2003	04:21p		439 known_hosts
		3 File(s)	1,551 bytes

Directory of D:\cvs\AUTOFILL\_SNAPSHOT

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/28/2003	03:35p	<DIR>	NES_webserver
10/24/2003	02:02p	<DIR>	VT_environment
		0 File(s)	0 bytes

Directory of D:\cvs\AUTOFILL\_SNAPSHOT\NES\_webserver

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/06/2003	07:33a		770,068 AutoFill client.flav

Page 1

```

                                dir.txt
09/25/2003 09:36a                4,371 autoFill.jsp,v
09/25/2003 09:36a            93,096 AutoFill.swf,v
09/25/2003 09:36a                1,201 autoFill_fs.jsp,v
09/25/2003 09:36a                2,286 autoFill_topframe.htm,v
09/29/2003 03:40a                363 test file.htm,v
                                6 File(s)      871,385 bytes

```

## Directory of D:\cvs\AUTOFILL\_SNAPSHOT\VT\_environment

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/25/2003 09:36a                4,066 autoFill.asp,v
09/30/2003 12:55p                3,902 autoFill.asp.development,v
09/25/2003 09:36a            33,759 checkDisclaimer.asp,v
09/25/2003 09:36a                2,132 checkFlash.htm,v
09/25/2003 09:36a            30,946 disclaimer work.htm,v
09/25/2003 09:36a                671 signAgreement.asp,v
                                6 File(s)      75,476 bytes

```

## Directory of D:\cvs\CVSROOT

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:31p      <DIR>      Emptydir
09/23/2003 10:59a                493 .#checkoutlist
09/23/2003 10:59a                760 .#commitinfo
09/23/2003 10:59a                987 .#config
09/23/2003 10:59a                602 .#cvswrappers
09/23/2003 10:59a            1,025 .#editinfo
09/23/2003 10:59a            1,141 .#loginfo
09/23/2003 10:59a            1,151 .#modules
09/23/2003 10:59a                564 .#notify
09/23/2003 10:59a                649 .#rcsinfo
09/23/2003 10:59a                879 .#taginfo
09/23/2003 10:59a            1,026 .#verifymsg
10/24/2003 02:10p            4,096 .loginfo.swp
10/15/2003 02:20p            493 checkoutlist
08/27/2003 01:31p            692 checkoutlist,v
10/27/2003 09:41a            760 commitinfo
08/27/2003 01:31p            959 commitinfo,v
10/30/2003 12:25p        15,616 commitlog
10/15/2003 02:20p            987 config
08/27/2003 01:31p            1,186 config,v
10/15/2003 02:20p            602 cvswrappers
08/27/2003 01:31p            801 cvswrappers,v
10/15/2003 02:20p            1,025 editinfo
08/27/2003 01:31p            1,224 editinfo,v
11/03/2003 07:12a        87,736 history
10/30/2003 09:57a            1,334 loginfo
08/27/2003 01:31p            1,340 loginfo,v
10/30/2003 02:54p            5,280 mail-to-dev.pl
10/15/2003 02:20p            1,151 modules
08/27/2003 01:31p            1,350 modules,v
10/15/2003 02:20p            564 notify
08/27/2003 01:31p            763 notify,v
10/06/2003 11:39a            37 passwd
10/15/2003 02:20p            649 rcsinfo
08/27/2003 01:31p            848 rcsinfo,v
10/15/2003 02:20p            879 taginfo
08/27/2003 01:31p            1,078 taginfo,v
08/27/2003 01:31p                0 val-tags
10/15/2003 02:20p            1,026 verifymsg
08/27/2003 01:31p            1,225 verifymsg,v
                                Page 2

```

dir.txt  
39 File(s) 142,978 bytes

Directory of D:\cvs\CVSROOT\Emptydir

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
0 File(s) 0 bytes

Directory of D:\cvs\FOREIGN\_QUOTES

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
09/30/2003 12:55p 8,110 gatorXMLParser.jsp,v  
09/30/2003 12:55p 1,986 globalQuotes\_form.htm,v  
09/29/2003 05:25a 901 globalQuotes\_fs.htm,v  
3 File(s) 10,997 bytes

Directory of D:\cvs\auto fill VT

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
09/23/2003 11:00a 4,059 autoFill.asp,v  
09/23/2003 11:00a 43,039 checkDisclaimer.asp,v  
09/23/2003 11:00a 2,125 checkFlash.htm,v  
09/23/2003 11:00a 30,939 disclaimer work.htm,v  
09/23/2003 11:00a 664 signAgreement.asp,v  
5 File(s) 80,826 bytes

Directory of D:\cvs\autoFill

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:08p <DIR> VT\_environment  
09/23/2003 10:54a 410,297 AutoFill client fla,v  
09/23/2003 10:54a 4,358 autoFill.jsp,v  
09/23/2003 10:54a 93,083 AutoFill.swf,v  
09/23/2003 10:54a 1,188 autoFill\_fs.jsp,v  
09/23/2003 10:54a 2,273 autoFill\_topframe.htm,v  
5 File(s) 511,199 bytes

Directory of D:\cvs\autoFill\VT\_environment

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
09/23/2003 10:54a 4,053 autoFill.asp,v  
09/23/2003 10:54a 43,033 checkDisclaimer.asp,v  
09/23/2003 10:54a 2,119 checkFlash.htm,v  
09/23/2003 10:54a 30,933 disclaimer work.htm,v  
09/23/2003 10:54a 658 signAgreement.asp,v  
5 File(s) 80,796 bytes

Directory of D:\cvs\cafweb

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:04p <DIR> src  
0 File(s) 0 bytes

Directory of D:\cvs\cafweb\src

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:04p <DIR> com  
Page 3

```

10/31/2003  04:04p    <DIR>    dir.txt
                                jsp
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cafweb\src\com

```

01/01/1601  12:00a    <DIR>    .
01/01/1601  12:00a    <DIR>    ..
10/31/2003  04:04p    <DIR>    crown
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cafweb\src\com\crown

```

01/01/1601  12:00a    <DIR>    .
01/01/1601  12:00a    <DIR>    ..
10/31/2003  04:04p    <DIR>    nes
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cafweb\src\com\crown\nes

```

01/01/1601  12:00a    <DIR>    .
01/01/1601  12:00a    <DIR>    ..
10/31/2003  04:04p    <DIR>    common
10/31/2003  04:04p    <DIR>    parser
10/31/2003  04:04p    <DIR>    pricecatcher
10/31/2003  04:04p    <DIR>    pricing
10/31/2003  04:04p    <DIR>    rules
10/31/2003  04:04p    <DIR>    server
10/31/2003  04:04p    <DIR>    util
10/31/2003  04:04p    <DIR>    web
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cafweb\src\com\crown\nes\common

```

01/01/1601  12:00a    <DIR>    .
01/01/1601  12:00a    <DIR>    ..
09/22/2003  09:55a    978 Constants.java,v
1 File(s)                                978 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\parser

```

01/01/1601  12:00a    <DIR>    .
01/01/1601  12:00a    <DIR>    ..
09/22/2003  09:55a    668 IRuleEventReceiver.java,v
09/22/2003  09:55a    882 RuleEventObject.java,v
09/22/2003  09:55a    6,140 RuleParser.java,v
09/22/2003  09:55a    1,680 RuleParserConstants.java,v
09/22/2003  09:55a    3,867 RuleProcessInfo.java,v
5 File(s)                                13,237 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\pricecatcher

```

01/01/1601  12:00a    <DIR>    .
01/01/1601  12:00a    <DIR>    ..
09/22/2003  09:55a    8,515 Configuration.java,v
09/22/2003  09:55a    10,538 PriceCatcher.java,v
09/22/2003  09:55a    1,645 PriceDataGroup.java,v
09/22/2003  09:55a    1,999 PriceDataKey.java,v
09/22/2003  09:55a    10,761 PriceDataMart.java,v
09/22/2003  09:55a    7,750 PriceDataProcessor.java,v
6 File(s)                                41,208 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\pricing

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a      2,513 BBOPriceReq.java,v
09/22/2003 09:55a      3,178 BBOPriceResp.java,v
09/22/2003 09:55a      1,301 PriceConstants.java,v
09/22/2003 09:55a      5,260 PriceDataCache.java,v
09/22/2003 09:55a      687 PriceException.java,v
09/22/2003 09:55a     15,386 PriceManager.java,v
09/22/2003 09:55a     16,200 PriceParser.java,v
09/22/2003 09:55a      705 PriceParserException.java,v
09/22/2003 09:55a     15,484 PriceReader.java,v
09/22/2003 09:55a      902 PriceReq.java,v
09/22/2003 09:55a      794 PriceResp.java,v
09/22/2003 09:55a      4,754 PriceSvrConnector.java,v
09/22/2003 09:55a      2,734 SubMgr.java,v
09/22/2003 09:55a      4,694 SwapPriceReq.java,v
09/22/2003 09:55a      2,320 SwapPriceResp.java,v
                                15 File(s)
                                76,912 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\rules

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a      665 IRule.java,v
09/22/2003 09:55a      768 IRuleEvalObj.java,v
09/22/2003 09:55a      924 IRuleKey.java,v
09/22/2003 09:55a      8,929 NESRule.java,v
09/22/2003 09:55a      8,451 NESRuleTreeKey.java,v
09/22/2003 09:55a      5,176 RoundingRule.java,v
09/22/2003 09:55a     13,047 RoundingRuleData.java,v
09/22/2003 09:55a      4,086 RoundingRulesCache.java,v
09/22/2003 09:55a      8,353 RoundingRuleTreeKey.java,v
09/22/2003 09:55a      1,700 RuleBearer.java,v
09/22/2003 09:55a      1,027 RuleConstants.java,v
09/22/2003 09:55a     10,370 RulesCache.java,v
                                12 File(s)
                                63,496 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\server

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a     17,324 NESRuleProcessor.java,v
09/22/2003 09:55a    26,590 RoundingRuleProcessor.java,v
09/22/2003 09:55a      5,288 RuleSvrThread.java,v
09/22/2003 09:55a      3,152 SvrConfiguration.java,v
                                4 File(s)
                                52,354 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\util

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:04p      <DIR>      db
10/31/2003 04:04p      <DIR>      logging
09/22/2003 09:55a      2,645 NESUtil.java,v
                                1 File(s)
                                2,645 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\util\db

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a      6,791 ConnectionMgr.java,v
09/22/2003 09:55a      3,199 DBConfiguration.java,v
09/22/2003 09:55a      3,166 DBUtil.java,v
                                Page 5

```

```

                                dir.txt
09/22/2003 09:55a                621 IResultSetProcessor.java,v
09/22/2003 09:55a                615 IUpdateProcessor.java,v
09/22/2003 09:55a                731 NullSQLType.java,v
09/22/2003 09:55a                2,949 SQLExecutor.java,v
                                7 File(s)      18,072 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\util\logging

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a                1,658 LogFormatter.java,v
                                1 File(s)      1,658 bytes

```

Directory of D:\cvs\cafweb\src\com\crown\nes\web

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a                6,150 NESDataServlet.java,v
09/22/2003 09:55a                1,347 WebRoundRuleEvalObj.java,v
09/22/2003 09:55a                1,811 WebRuleEvalObj.java,v
                                3 File(s)      9,308 bytes

```

Directory of D:\cvs\cafweb\src\jsp

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/22/2003 09:55a                4,274 autoFill.jsp,v
09/22/2003 09:55a                92,892 AutoFill.swf,v
09/22/2003 09:55a                1,213 autoFill_fs.jsp,v
09/22/2003 09:55a                2,289 autoFill_topframe.htm,v
09/22/2003 09:55a                19,774 AutoFillCannedData.jsp,v
09/22/2003 09:55a                14,094 AutoFillPrice.jsp,v
09/22/2003 09:55a                747 index.jsp,v
                                7 File(s)      135,283 bytes

```

Directory of D:\cvs\cmm

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      esmbrass
10/31/2003 04:01p      <DIR>      esmconvert
10/31/2003 04:01p      <DIR>      esmcore
10/31/2003 04:01p      <DIR>      esmfix
10/31/2003 04:01p      <DIR>      esmmarketdata
10/31/2003 04:01p      <DIR>      esmserver
10/31/2003 04:01p      <DIR>      esmutil
10/31/2003 04:01p      <DIR>      GFMS
10/31/2003 04:01p      <DIR>      mds
10/31/2003 04:01p      <DIR>      nesbrass
                                0 File(s)      0 bytes

```

Directory of D:\cvs\cmm\GFMS

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      com
09/08/2003 06:30a                383,440 fixcore_52.jar,v
09/08/2003 06:30a                195,906 GFMS.jar,v
09/08/2003 06:30a                46,864 gma.jar,v
09/08/2003 06:30a                81,991 JavaBrass.jar,v
09/08/2003 06:30a                79,571 Util.jar,v
                                5 File(s)      787,772 bytes

```



dir.txt

Directory of D:\cvs\cmm\GFMS\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	cameronsystems
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\GFMS\com\cameronsystems

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	gfms
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\GFMS\com\cameronsystems\gfms

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	component
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\GFMS\com\cameronsystems\gfms\component

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	cameronfix
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\GFMS\com\cameronsystems\gfms\component\cameronfix

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		1,690 IMessageModifier.java,v
		1 File(s)	1,690 bytes

Directory of D:\cvs\cmm\esnbrass

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	build
10/31/2003	04:01p	<DIR>	src
10/24/2003	02:09p		599 .nbattrsv,v
10/24/2003	02:09p		469 build.bat,v
10/24/2003	02:09p		503 build.sh,v
10/24/2003	02:09p		2,000 build.xml,v
10/24/2003	02:09p		506 doc.bat,v
10/24/2003	02:09p		2,501 esnbrass.jpj,v
10/24/2003	02:09p		650 testEsm.bat,v
		7 File(s)	7,228 bytes

Directory of D:\cvs\cmm\esnbrass\build

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
10/31/2003	04:01p	<DIR>	src
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esnbrass\build\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	crown
			Page 7

```

10/31/2003 04:01p <DIR> dir.txt
10/31/2003 04:01p <DIR> esmbrass
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\crown

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> nes
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> common
10/31/2003 04:01p <DIR> parser
10/31/2003 04:01p <DIR> pricing
10/31/2003 04:01p <DIR> rules
10/31/2003 04:01p <DIR> util
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\common

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,102 Constants.class,v
1 File(s) 1,102 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\parser

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 591 IRuleEventReceiver.class,v
10/24/2003 02:09p 987 RuleEventObject.class,v
10/24/2003 02:09p 7,276 RuleParser.class,v
10/24/2003 02:09p 2,567 RuleParserConstants.class,v
10/24/2003 02:09p 4,993 RuleProcessInfo.class,v
5 File(s) 16,414 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\crown\nes\pricing

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 2,420 BBOPriceReq.class,v
10/24/2003 02:09p 1,717 BBOPriceResp$BBOData.class,v
10/24/2003 02:09p 2,562 BBOPriceResp.class,v
10/24/2003 02:09p 1,328 PriceConstants.class,v
10/24/2003 02:09p 1,634 PriceDataCache$TSBBOPriceData.class,v
10/24/2003 02:09p 1,645 PriceDataCache$TSSwapPriceData.class,v
10/24/2003 02:09p 4,111 PriceDataCache.class,v
10/24/2003 02:09p 945 PriceException.class,v
10/24/2003 02:09p 9,479 PriceManager.class,v
10/24/2003 02:09p 9,463 PriceParser.class,v
10/24/2003 02:09p 963 PriceParserException.class,v
10/24/2003 02:09p 6,544 PriceReader.class,v
10/24/2003 02:09p 1,118 PriceReq.class,v
10/24/2003 02:09p 1,046 PriceResp.class,v
10/24/2003 02:09p 4,043 PriceSvrConnector.class,v
10/24/2003 02:09p 3,408 SubMgr.class,v
10/24/2003 02:09p 3,717 SwapPriceReq.class,v
10/24/2003 02:09p 1,568 SwapPriceResp$SwapData.class,v
10/24/2003 02:09p 2,118 SwapPriceResp.class,v

```

19 File(s) dir.txt  
59,829 bytes

Directory of D:\cvs\cmm\esmbass\build\com\crown\nes\rules

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,974 CustBranch.class,v
10/24/2003 02:09p 584 IRule.class,v
10/24/2003 02:09p 665 IRuleEvalobj.class,v
10/24/2003 02:09p 866 IRuleKey.class,v
10/24/2003 02:09p 16,306 NESRule.class,v
10/24/2003 02:09p 5,940 NESRuleTreeKey.class,v
10/24/2003 02:09p 2,138 PxLv1Allocation.class,v
10/24/2003 02:09p 2,067 RefDataCache.class,v
10/24/2003 02:09p 4,961 RoundingRule.class,v
10/24/2003 02:09p 5,901 RoundingRuleData.class,v
10/24/2003 02:09p 6,288 RoundingRulesCache.class,v
10/24/2003 02:09p 5,316 RoundingRuleTreeKey.class,v
10/24/2003 02:09p 1,733 RoundRuleEvalobj.class,v
10/24/2003 02:09p 1,967 RuleBearer.class,v
10/24/2003 02:09p 2,657 RuleConstants.class,v
10/24/2003 02:09p 1,503 RulesCache$RulesComparator.class,v
10/24/2003 02:09p 7,963 RulesCache.class,v
17 File(s) 68,829 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\crown\nes\util

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> db
10/24/2003 02:09p 2,474 NESUtil.class,v
1 File(s) 2,474 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\crown\nes\util\db

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 4,733 ConnectionMgr.class,v
10/24/2003 02:09p 4,010 DBConfiguration.class,v
10/24/2003 02:09p 2,999 DBUtil.class,v
10/24/2003 02:09p 645 IResultSetProcessor.class,v
10/24/2003 02:09p 620 IUpdateProcessor.class,v
10/24/2003 02:09p 1,141 NullSQLType.class,v
10/24/2003 02:09p 2,925 SQLExecutor.class,v
7 File(s) 17,073 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\esmbass

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> component
10/31/2003 04:01p <DIR> constants
10/31/2003 04:01p <DIR> message
10/31/2003 04:01p <DIR> test
10/24/2003 02:09p 6,542 BrassAssembler.class,v
10/24/2003 02:09p 11,137 BrassServer.class,v
10/24/2003 02:09p 23,641 BrassSession.class,v
3 File(s) 41,320 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\esmbass\component

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..

```

```

dir.txt
10/24/2003 02:09p      5,723 Book.class,v
10/24/2003 02:09p      2,239 BookRecord.class,v
10/24/2003 02:09p     78,244 BrassComponent.class,v
10/24/2003 02:09p     14,935 ComponentHelper.class,v
10/24/2003 02:09p     10,204 DataProcessor.class,v
10/24/2003 02:09p      2,442 NESParser.class,v
10/24/2003 02:09p     20,563 NESRuleProcessor.class,v
10/24/2003 02:09p      8,613 NESSession.class,v
10/24/2003 02:09p      6,782 OrderRule.class,v
10/24/2003 02:09p     21,484 RoundingRuleProcessor.class,v
10/24/2003 02:09p      4,056 RulesvrThread$ClientHandler.class,v
10/24/2003 02:09p      2,763 RulesvrThread.class,v
10/24/2003 02:09p      3,471 SecurityMapper.class,v
10/24/2003 02:09p     36,164 SessionReaderThread.class,v
10/24/2003 02:09p      1,271 TopOfBook.class,v
      15 File(s)      218,954 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\constants

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p     24,297 BrassMessageConstants.class,v
10/24/2003 02:09p      2,072 ESMConstants.class,v
      2 File(s)      26,369 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\message

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      1,463 AlertMessage.class,v
10/24/2003 02:09p      1,292 BookMessage.class,v
10/24/2003 02:09p      4,404 BrassMessage.class,v
10/24/2003 02:09p      1,270 BrassMessageHashMap$BrassMessageHashMapEntry.class,v
10/24/2003 02:09p      2,511 BrassMessageHashMap.class,v
10/24/2003 02:09p      1,523 GeneralMessage.class,v
10/24/2003 02:09p      5,473 OrderMessage.class,v
10/24/2003 02:09p      2,249 PLTranMessage.class,v
10/24/2003 02:09p      2,745 QuoteMessage.class,v
10/24/2003 02:09p      1,911 RegisterMessage.class,v
10/24/2003 02:09p      1,265 ReplyMessage.class,v
10/24/2003 02:09p      3,811 SecmstMessage.class,v
10/24/2003 02:09p      2,331 SignonMessage.class,v
10/24/2003 02:09p      5,800 TradeMessage.class,v
      14 File(s)      38,048 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\esmbrass\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      9,677 BrassTest.class,v
      1 File(s)      9,677 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\ksil

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      esmbrass
      0 File(s)      0 bytes

```

Directory of D:\cvs\cmm\esmbrass\build\com\ksil\esmbrass

```

01/01/1601 12:00a      <DIR>      .

```

```

                                dir.txt
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      component
10/31/2003 04:01p      <DIR>      constants
10/31/2003 04:01p      <DIR>      message
10/31/2003 04:01p      <DIR>      test
10/24/2003 02:09p      6,717 BrassAssembler.class,v
10/24/2003 02:09p      11,352 BrassServer.class,v
10/24/2003 02:09p      12,051 BrassSession.class,v
                                3 File(s)
                                30,120 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\ksil\esmbass\component

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      31,626 BrassComponent.class,v
10/24/2003 02:09p      14,713 ComponentHelper.class,v
10/24/2003 02:09p      10,299 DataProcessor.class,v
10/24/2003 02:09p      3,536 SecurityMapper.class,v
10/24/2003 02:09p      13,098 SessionReaderThread.class,v
10/24/2003 02:09p      1,281 TopOfBook.class,v
                                6 File(s)
                                74,553 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\ksil\esmbass\constants

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      24,302 BrassMessageConstants.class,v
10/24/2003 02:09p      2,041 ESMConstants.class,v
                                2 File(s)
                                26,343 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\ksil\esmbass\message

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      1,478 AlertMessage.class,v
10/24/2003 02:09p      1,307 BookMessage.class,v
10/24/2003 02:09p      4,504 BrassMessage.class,v
10/24/2003 02:09p      1,300
BrassMessageHashMap$BrassMessageHashMapEntry.class,v
10/24/2003 02:09p      2,546 BrassMessageHashMap.class,v
10/24/2003 02:09p      1,538 GeneralMessage.class,v
10/24/2003 02:09p      5,488 OrderMessage.class,v
10/24/2003 02:09p      2,264 PLTranMessage.class,v
10/24/2003 02:09p      2,760 QuoteMessage.class,v
10/24/2003 02:09p      1,926 RegisterMessage.class,v
10/24/2003 02:09p      1,280 ReplyMessage.class,v
10/24/2003 02:09p      3,826 SecmstMessage.class,v
10/24/2003 02:09p      2,346 SignonMessage.class,v
10/24/2003 02:09p      6,045 TradeMessage.class,v
                                14 File(s)
                                38,608 bytes

```

Directory of D:\cvs\cmm\esmbass\build\com\ksil\esmbass\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      9,772 BrassTest.class,v
                                1 File(s)
                                9,772 bytes

```

Directory of D:\cvs\cmm\esmbass\build\src

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      esmbass

```

0 File(s) dir.txt  
0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	src
0 File(s)			0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
0 File(s)			0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmbrass
10/31/2003	04:01p	<DIR>	ksil
0 File(s)			0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\esmbrass

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	constants
0 File(s)			0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\esmbrass\constants

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		32,939 BrassFields.class,v
1 File(s)		32,939 bytes	

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\ksil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmbrass
0 File(s)			0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\ksil\esmbrass

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	constants
0 File(s)			0 bytes

Directory of D:\cvs\cmm\esmbrass\build\src\esmbrass\src\com\ksil\esmbrass\constants

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		32,949 BrassFields.class,v
1 File(s)		32,949 bytes	

Directory of D:\cvs\cmm\esmbrass\src

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..

Page 12

10/31/2003 04:01p <DIR> dir.txt  
0 File(s) com  
0 bytes

Directory of D:\cvs\cmm\esnbrass\src\com

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> crown  
10/31/2003 04:01p <DIR> esnbrass  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\crown

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> nes  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\crown\nes

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> common  
10/31/2003 04:01p <DIR> parser  
10/31/2003 04:01p <DIR> pricing  
10/31/2003 04:01p <DIR> rules  
10/31/2003 04:01p <DIR> util  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\crown\nes\common

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/24/2003 02:09p 974 Constants.java,v  
1 File(s) 974 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\crown\nes\parser

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/24/2003 02:09p 664 IRuleEventReceiver.java,v  
10/24/2003 02:09p 878 RuleEventObject.java,v  
10/24/2003 02:09p 8,054 RuleParser.java,v  
10/24/2003 02:09p 2,024 RuleParserConstants.java,v  
10/24/2003 02:09p 4,770 RuleProcessInfo.java,v  
5 File(s) 16,390 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\crown\nes\pricing

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/24/2003 02:09p 2,590 BBOPriceReq.java,v  
10/24/2003 02:09p 3,296 BBOPriceResp.java,v  
10/24/2003 02:09p 1,324 PriceConstants.java,v  
10/24/2003 02:09p 5,256 PriceDataCache.java,v  
10/24/2003 02:09p 698 PriceException.java,v  
10/24/2003 02:09p 15,892 PriceManager.java,v  
10/24/2003 02:09p 16,636 PriceParser.java,v  
10/24/2003 02:09p 716 PriceParserException.java,v  
10/24/2003 02:09p 16,008 PriceReader.java,v  
10/24/2003 02:09p 924 PriceReq.java,v  
10/24/2003 02:09p 813 PriceResp.java,v  
10/24/2003 02:09p 4,915 PriceSvrConnector.java,v

```

                                dir.txt
10/24/2003  02:09p                2,730 SubsMgr.java,v
10/24/2003  02:09p                4,853 SwapPriceReq.java,v
10/24/2003  02:09p                2,408 SwapPriceResp.java,v
                                15 File(s)
                                79,059 bytes

```

Directory of D:\cvs\cmm\esmbass\src\com\crown\nes\rules

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:09p                14,398 AutoFillPrice.jsp,v
10/24/2003  02:09p                1,703 CustBranch.java,v
10/24/2003  02:09p                661 IRule.java,v
10/24/2003  02:09p                764 IRuleEvalObj.java,v
10/24/2003  02:09p                920 IRuleKey.java,v
10/24/2003  02:09p               11,926 NESRule.java,v
10/24/2003  02:09p                8,447 NESRuleTreeKey.java,v
10/24/2003  02:09p                1,736 PxLv1Allocation.java,v
10/24/2003  02:09p                2,040 RefDataCache.java,v
10/24/2003  02:09p                5,172 RoundingRule.java,v
10/24/2003  02:09p               13,043 RoundingRuleData.java,v
10/24/2003  02:09p                4,615 RoundingRulesCache.java,v
10/24/2003  02:09p                8,349 RoundingRuleTreeKey.java,v
10/24/2003  02:09p                1,342 RoundRuleEvalObj.java,v
10/24/2003  02:09p                1,696 RuleBearer.java,v
10/24/2003  02:09p                2,225 RuleConstants.java,v
10/24/2003  02:09p               10,366 RulesCache.java,v
                                17 File(s)
                                89,403 bytes

```

Directory of D:\cvs\cmm\esmbass\src\com\crown\nes\util

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      db
10/24/2003  02:09p                2,658 NESUtil.java,v
                                1 File(s)
                                2,658 bytes

```

Directory of D:\cvs\cmm\esmbass\src\com\crown\nes\util\db

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:09p                5,255 ConnectionMgr.java,v
10/24/2003  02:09p                3,195 DBConfiguration.java,v
10/24/2003  02:09p                3,162 DBUtil.java,v
10/24/2003  02:09p                625 IResultSetProcessor.java,v
10/24/2003  02:09p                620 IUpdateProcessor.java,v
10/24/2003  02:09p                745 NullSQLType.java,v
10/24/2003  02:09p                2,923 SQLExecutor.java,v
                                7 File(s)
                                16,525 bytes

```

Directory of D:\cvs\cmm\esmbass\src\com\esmbass

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
11/03/2003  02:02p      <DIR>      component
10/31/2003  04:01p      <DIR>      constants
10/31/2003  04:01p      <DIR>      message
10/31/2003  04:01p      <DIR>      test
10/24/2003  02:09p                599 .nbattrs,v
10/24/2003  02:09p               18,051 BrassAssembler.java,v
10/24/2003  02:09p               31,421 BrassServer.java,v
10/24/2003  02:09p               37,155 BrassSession.java,v
10/24/2003  02:09p               37,031 BrassSession.latest,v
09/19/2003  11:11a               41,165 BrassSession.my,v

```



10/24/2003 02:09p dir.txt  
 7 File(s) 37,029 BrassSession.prod,v  
 202,451 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\esnbrass\component

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/19/2003	11:11a		16,793 .BrassComponent.java.swp,v
10/24/2003	02:09p		781 .nbattrsv
09/19/2003	11:11a		16,796 .SessionReaderThread.java.swp,v
10/24/2003	02:09p		5,837 Book.java,v
09/19/2003	11:11a		4,841 Book.tmp,v
10/24/2003	02:09p		1,817 BookRecord.java,v
09/19/2003	11:11a		1,823 BookRecord.tmp,v
10/24/2003	02:09p		100,609 BrassComponent.java,v
10/24/2003	02:09p		97,950 BrassComponent.latest,v
10/24/2003	02:09p		97,838 BrassComponent.prod,v
10/24/2003	02:09p		35,932 ComponentHelper.java,v
10/24/2003	02:09p		24,375 DataProcessor.java,v
10/24/2003	02:09p		2,692 NESParser.java,v
10/24/2003	02:09p		24,481 NESRuleProcessor.java,v
10/24/2003	02:09p		17,724 NESRuleProcessor.java.org,v
10/24/2003	02:09p		7,996 NESSession.java,v
10/24/2003	02:09p		2,933 OrderRule.java,v
10/24/2003	02:09p		26,873 RoundingRuleProcessor.java,v
10/24/2003	02:09p		26,605 RoundingRuleProcessor.java.org,v
10/24/2003	02:09p		5,287 RulesSvrThread.java,v
10/24/2003	02:09p		7,404 SecurityMapper.java,v
10/24/2003	02:09p		47,517 SessionReaderThread.java,v
10/24/2003	02:09p		44,078 SessionReaderThread.prod,v
10/24/2003	02:09p		1,375 TopOfBook.java,v
	24 File(s)		620,357 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\esnbrass\constants

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		44,148 BrassFields.java,v
10/24/2003	02:09p		32,675 BrassMessageConstants.java,v
10/24/2003	02:09p		2,517 ESMConstants.java,v
	3 File(s)		79,340 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\esnbrass\message

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		2,791 AlertMessage.java,v
10/24/2003	02:09p		2,460 BookMessage.java,v
10/24/2003	02:09p		9,198 BrassMessage.java,v
10/24/2003	02:09p		5,504 BrassMessageHashMap.java,v
10/24/2003	02:09p		2,827 GeneralMessage.java,v
10/24/2003	02:09p		14,830 OrderMessage.java,v
10/24/2003	02:09p		5,882 PLTranMessage.java,v
10/24/2003	02:09p		7,057 QuoteMessage.java,v
10/24/2003	02:09p		4,010 RegisterMessage.java,v
10/24/2003	02:09p		1,742 ReplyMessage.java,v
10/24/2003	02:09p		12,663 SecmstMessage.java,v
10/24/2003	02:09p		4,695 SignonMessage.java,v
10/24/2003	02:09p		18,213 TradeMessage.java,v
	13 File(s)		91,872 bytes

Directory of D:\cvs\cmm\esnbrass\src\com\esnbrass\test

```

                                dir.txt
01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:09p                599 .nbattrsv
10/24/2003  02:09p      41,768 BrassTest.java,v
                                42,367 bytes
      2 File(s)

```

Directory of D:\cvs\cmm\esmconvert

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      build
10/31/2003  04:01p      <DIR>      src
09/08/2003  06:30a      2,751 build.xml,v
                                2,751 bytes
      1 File(s)

```

Directory of D:\cvs\cmm\esmconvert\build

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      com
                                0 bytes
      0 File(s)

```

Directory of D:\cvs\cmm\esmconvert\build\com

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      ksil
                                0 bytes
      0 File(s)

```

Directory of D:\cvs\cmm\esmconvert\build\com\ksil

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      esmconvert
                                0 bytes
      0 File(s)

```

Directory of D:\cvs\cmm\esmconvert\build\com\ksil\esmconvert

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/08/2003  06:30a      6,450 BrassConverter.class,v
09/08/2003  06:30a      7,658 FixConverter.class,v
                                14,108 bytes
      2 File(s)

```

Directory of D:\cvs\cmm\esmconvert\src

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      com
                                0 bytes
      0 File(s)

```

Directory of D:\cvs\cmm\esmconvert\src\com

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      esmconvert
                                0 bytes
      0 File(s)

```

Directory of D:\cvs\cmm\esmconvert\src\com\esmconvert

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/08/2003  06:30a      9,140 BrassConverter.java,v
                                Page 16

```

09/08/2003 06:30a dir.txt  
 2 File(s) 11,726 FixConverter.java,v  
 20,866 bytes

Directory of D:\cvs\cmm\esmcore

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	build
10/31/2003	04:01p	<DIR>	src
10/24/2003	02:09p		599 .nbattrsv
10/24/2003	02:09p		496 build.bat,v
10/24/2003	02:09p		503 build.sh,v
10/24/2003	02:09p		1,734 build.xml,v
10/24/2003	02:09p		506 doc.bat,v
			5 File(s) 3,838 bytes

Directory of D:\cvs\cmm\esmcore\build

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
			0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmcore\build\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmcore
10/31/2003	04:01p	<DIR>	ksil
			0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmcore\build\com\esmcore

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	constants
10/31/2003	04:01p	<DIR>	message
10/31/2003	04:01p	<DIR>	pubsub
10/31/2003	04:01p	<DIR>	test
			0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmcore\build\com\esmcore\constants

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		3,429 ESMCoreNames.class,v
10/24/2003	02:09p		5,259 ESMCoreValues.class,v
			2 File(s) 8,688 bytes

Directory of D:\cvs\cmm\esmcore\build\com\esmcore\message

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		3,526 ESMCoreMessage.class,v
10/24/2003	02:09p		2,611 ESMCoreMessageAttribute.class,v
			2 File(s) 6,137 bytes

Directory of D:\cvs\cmm\esmcore\build\com\esmcore\pubsub

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	util
10/24/2003	02:09p		1,229 ESMCoreComponentImpl.class,v

```

dir.txt
10/24/2003 02:09p 2,650 ESMCoreComponentProxy.class,v
10/24/2003 02:09p 1,153 ESMCoreListenerImpl.class,v
10/24/2003 02:09p 583 ESMCorePersistentComponentImpl$1.class,v
10/24/2003 02:09p 2,837 ESMCorePersistentComponentImpl$QueueReadingThread.class,v
10/24/2003 02:09p 2,628 ESMCorePersistentComponentImpl.class,v
10/24/2003 02:09p 2,079 ESMCorePublisherImpl.class,v
10/24/2003 02:09p 566 IESMCoreComponent.class,v
10/24/2003 02:09p 681 IESMCoreListener.class,v
10/24/2003 02:09p 646 IESMCorePersistentComponent.class,v
10/24/2003 02:09p 747 IESMCorePublisher.class,v
11 File(s) 15,799 bytes

```

Directory of D:\cvs\cmm\esmcore\build\com\esmcore\pubsub\util

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,879 ESMCoreRecordComponent.class,v
10/24/2003 02:09p 2,038 ESMCoreReplayComponent.class,v
2 File(s) 3,917 bytes

```

Directory of D:\cvs\cmm\esmcore\build\com\esmcore\test

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,596 ESMCoreMessageBenchmark.class,v
10/24/2003 02:09p 2,236 ESMCoreMessagePersistenceBenchmark.class,v
10/24/2003 02:09p 1,010 ESMCoreRecordReplayTest.class,v
3 File(s) 4,842 bytes

```

Directory of D:\cvs\cmm\esmcore\build\com\ksil

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> esmcore
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> constants
10/31/2003 04:01p <DIR> message
10/31/2003 04:01p <DIR> pubsub
10/31/2003 04:01p <DIR> test
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\constants

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 3,128 ESMCoreNames.class,v
10/24/2003 02:09p 5,162 ESMCoreValues.class,v
2 File(s) 8,290 bytes

```

Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\message

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 3,606 ESMCoreMessage.class,v
10/24/2003 02:09p 2,691 ESMCoreMessageAttribute.class,v
2 File(s) 6,297 bytes

```

## dir.txt

Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\pubsub

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	util	
10/24/2003	02:09p		1,264	ESMCoreComponentImpl.class,v
10/24/2003	02:09p		2,717	ESMCoreComponentProxy.class,v
10/24/2003	02:09p		1,174	ESMCoreListenerImpl.class,v
10/24/2003	02:09p		593	ESMCorePersistentComponentImpl\$1.class,v
10/24/2003	02:09p		2,924	
ESMCorePersistentComponentImpl\$QueueReadingThread.class,v				
10/24/2003	02:09p		2,723	ESMCorePersistentComponentImpl.class,v
10/24/2003	02:09p		2,118	ESMCorePublisherImpl.class,v
10/24/2003	02:09p		581	IESMCoreComponent.class,v
10/24/2003	02:09p		696	IESMCoreListener.class,v
10/24/2003	02:09p		661	IESMCorePersistentComponent.class,v
10/24/2003	02:09p		762	IESMCorePublisher.class,v
			11 File(s)	16,213 bytes

Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\pubsub\util

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/24/2003	02:09p		1,906	ESMCoreRecordComponent.class,v
10/24/2003	02:09p		2,058	ESMCoreReplayComponent.class,v
			2 File(s)	3,964 bytes

Directory of D:\cvs\cmm\esmcore\build\com\ksil\esmcore\test

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/24/2003	02:09p		1,606	ESMCoreMessageBenchmark.class,v
10/24/2003	02:09p		2,268	ESMCoreMessagePersistenceBenchmark.class,v
10/24/2003	02:09p		1,030	ESMCoreRecordReplayTest.class,v
			3 File(s)	4,904 bytes

Directory of D:\cvs\cmm\esmcore\src

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	com	
			0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmcore\src\com

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	esmcore	
			0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmcore\src\com\esmcore

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	constants	
10/31/2003	04:01p	<DIR>	message	
10/31/2003	04:01p	<DIR>	pubsub	
10/31/2003	04:01p	<DIR>	test	
			0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmcore\src\com\esmcore\constants

01/01/1601	12:00a	<DIR>	.	
------------	--------	-------	---	--

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
10/24/2003 02:09p      <DIR>      ..
10/24/2003 02:09p      3,974 ESMCoreNames.java,v
                                6,884 ESMCoreValues.java,v
                                2 File(s) 10,858 bytes

```

## Directory of D:\cvs\cmm\esmcore\src\com\esmcore\message

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      16,794 .ESMCoreMessage.java.swp,v
10/24/2003 02:09p      8,949 ESMCoreMessage.java,v
10/24/2003 02:09p      6,522 ESMCoreMessageAttribute.java,v
                                3 File(s) 32,265 bytes

```

## Directory of D:\cvs\cmm\esmcore\src\com\esmcore\pubsub

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      util
10/24/2003 02:09p      16,780 .ESMCorePublisherImpl.java.swp,v
10/24/2003 02:09p      777 .nbattrs,v
10/24/2003 02:09p      2,375 ESMCoreComponentImpl.java,v
10/24/2003 02:09p      4,904 ESMCoreComponentProxy.java,v
10/24/2003 02:09p      1,720 ESMCoreListenerImpl.java,v
10/24/2003 02:09p      6,253 ESMCorePersistentComponentImpl.java,v
10/24/2003 02:09p      4,622 ESMCorePublisherImpl.java,v
10/24/2003 02:09p      615 IESMCoreComponent.java,v
10/24/2003 02:09p      1,438 IESMCoreListener.java,v
10/24/2003 02:09p      1,014 IESMCorePersistentComponent.java,v
10/24/2003 02:09p      1,586 IESMCorePublisher.java,v
                                11 File(s) 42,084 bytes

```

## Directory of D:\cvs\cmm\esmcore\src\com\esmcore\pubsub\util

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      2,984 ESMCoreRecordComponent.java,v
10/24/2003 02:09p      3,794 ESMCoreReplayComponent.java,v
                                2 File(s) 6,778 bytes

```

## Directory of D:\cvs\cmm\esmcore\src\com\esmcore\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      2,235 ESMCoreMessageBenchmark.java,v
10/24/2003 02:09p      3,606 ESMCoreMessagePersistenceBenchmark.java,v
10/24/2003 02:09p      1,206 ESMCoreRecordReplayTest.java,v
                                3 File(s) 7,047 bytes

```

## Directory of D:\cvs\cmm\esmfix

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      build
10/31/2003 04:01p      <DIR>      src
10/24/2003 02:09p      469 build.bat,v
10/24/2003 02:09p      503 build.sh,v
10/24/2003 02:09p      2,136 build.xml,v
10/24/2003 02:09p      506 doc.bat,v
                                4 File(s) 3,614 bytes

```

## Directory of D:\cvs\cmm\esmfix\build

```

01/01/1601 12:00a <DIR> dir.txt
01/01/1601 12:00a <DIR> .
10/31/2003 04:01p <DIR> ..
0 File(s) com
0 bytes

```

Directory of D:\cvs\cmm\esmfex\build\com

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> crown
10/31/2003 04:01p <DIR> esmfex
10/31/2003 04:01p <DIR> ksil
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmfex\build\com\crown

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> nes
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmfex\build\com\crown\nes

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> common
10/31/2003 04:01p <DIR> parser
10/31/2003 04:01p <DIR> rules
10/31/2003 04:01p <DIR> util
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmfex\build\com\crown\nes\common

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,102 Constants.class,v
1 File(s) 1,102 bytes

```

Directory of D:\cvs\cmm\esmfex\build\com\crown\nes\parser

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 591 IRuleEventReceiver.class,v
10/24/2003 02:09p 987 RuleEventObject.class,v
10/24/2003 02:09p 3,450 RuleParser.class,v
10/24/2003 02:09p 1,371 RuleParserConstants.class,v
10/24/2003 02:09p 2,498 RuleProcessInfo.class,v
5 File(s) 8,897 bytes

```

Directory of D:\cvs\cmm\esmfex\build\com\crown\nes\rules

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 584 IRule.class,v
10/24/2003 02:09p 665 IRuleEvalObj.class,v
10/24/2003 02:09p 807 IRuleKey.class,v
10/24/2003 02:09p 7,088 NESRule.class,v
10/24/2003 02:09p 5,640 NESRuleTreeKey.class,v
10/24/2003 02:09p 4,420 RoundingRule.class,v
10/24/2003 02:09p 4,428 RoundingRuleData.class,v
10/24/2003 02:09p 3,737 RoundingRulesCache.class,v
10/24/2003 02:09p 5,015 RoundingRuleTreeKey.class,v
10/24/2003 02:09p 1,967 RuleBearer.class,v

```

```

                                dir.txt
10/24/2003 02:09p                1,188 RuleConstants.class,v
10/24/2003 02:09p                1,503 RulesCache$RulesComparator.class,v
10/24/2003 02:09p                7,823 RulesCache.class,v
                                13 File(s)          44,865 bytes

```

Directory of D:\cvs\cmm\esmfix\build\com\crown\nes\util

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      db
                                0 File(s)          0 bytes

```

Directory of D:\cvs\cmm\esmfix\build\com\crown\nes\util\db

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p                4,733 ConnectionMgr.class,v
10/24/2003 02:09p                4,010 DBConfiguration.class,v
10/24/2003 02:09p                2,999 DBUtil.class,v
10/24/2003 02:09p                645 IResultSetProcessor.class,v
10/24/2003 02:09p                620 IUpdateProcessor.class,v
10/24/2003 02:09p                1,141 NullSQLType.class,v
10/24/2003 02:09p                2,925 SQLExecutor.class,v
                                7 File(s)          17,073 bytes

```

Directory of D:\cvs\cmm\esmfix\build\com\esmfix

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      component
10/31/2003 04:01p      <DIR>      constants
10/31/2003 04:01p      <DIR>      fixmodifiers
                                0 File(s)          0 bytes

```

Directory of D:\cvs\cmm\esmfix\build\com\esmfix\component

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p                3,685 ComponentHelper.class,v
10/24/2003 02:09p                5,368 CustomMessageModifier.class,v
10/24/2003 02:09p                48,974 FIXComponent.class,v
10/24/2003 02:09p                48,393 FixMWAccApp.class,v
10/24/2003 02:09p                1,232 FixServerThread.class,v
10/24/2003 02:09p                11,405 IDMapper.class,v
10/24/2003 02:09p                658 IMessageModifier.class,v
10/24/2003 02:09p                2,753 MessageValidator.class,v
10/24/2003 02:09p                2,471 NESParser.class,v
10/24/2003 02:09p                10,177 NESRuleProcessor.class,v
10/24/2003 02:09p                6,184 NESSession.class,v
10/24/2003 02:09p                3,260 OrderRule.class,v
10/24/2003 02:09p                3,851 RulesvrThread$ClientHandler.class,v
10/24/2003 02:09p                2,349 RulesvrThread.class,v
10/24/2003 02:09p                4,079 TargetProfile.class,v
10/24/2003 02:09p                3,328 TraderExchangeIdentifier.class,v
                                16 File(s)          158,167 bytes

```

Directory of D:\cvs\cmm\esmfix\build\com\esmfix\constants

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p                26,006 Constants.class,v
10/24/2003 02:09p                2,011 FIXConstants.class,v
                                2 File(s)          28,017 bytes

```



## dir.txt

Directory of D:\cvs\cmm\esmfix\build\com\esmfix\fixmodifiers

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		4,677 BLOOFixModifier.class,v
10/24/2003	02:09p		2,198 RITDFixModifier\$RitdClient.class,v
10/24/2003	02:09p		6,794 RITDFixModifier.class,v
		3 File(s)	13,669 bytes

Directory of D:\cvs\cmm\esmfix\build\com\ksil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmfix
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	component
10/31/2003	04:01p	<DIR>	constants
10/31/2003	04:01p	<DIR>	fixmodifiers
10/31/2003	04:01p	<DIR>	monitor
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix\component

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		12,073 BuildFixMap.class,v
10/24/2003	02:09p		6,433 ComponentHelper.class,v
10/24/2003	02:09p		5,482 CustomMessageModifier.class,v
10/24/2003	02:09p		30,811 FIXComponent.class,v
10/24/2003	02:09p		1,588 FIXLogger.class,v
10/24/2003	02:09p		1,389 FixMWAccApp\$1.class,v
10/24/2003	02:09p		1,607 FixMWAccApp\$2.class,v
10/24/2003	02:09p		28,363 FixMWAccApp.class,v
10/24/2003	02:09p		1,242 FixServerThread.class,v
10/24/2003	02:09p		11,624 IDMapper.class,v
10/24/2003	02:09p		668 IMessageModifier.class,v
10/24/2003	02:09p		2,813 MessageValidator.class,v
10/24/2003	02:09p		2,129 MonitoringSessionListener.class,v
10/24/2003	02:09p		2,570 NESParser.class,v
10/24/2003	02:09p		8,837 NESRuleProcessor.class,v
10/24/2003	02:09p		5,056 NESSession.class,v
10/24/2003	02:09p		2,651 OrderRule.class,v
10/24/2003	02:09p		1,525 PersistenceManager.class,v
10/24/2003	02:09p		3,876 RulesvrThread\$ClientHandler.class,v
10/24/2003	02:09p		2,374 RulesvrThread.class,v
10/24/2003	02:09p		1,445 SessionReaderThread\$1.class,v
10/24/2003	02:09p		1,445 SessionReaderThread\$2.class,v
10/24/2003	02:09p		19,871 SessionReaderThread.class,v
10/24/2003	02:09p		4,124 TargetProfile.class,v
10/24/2003	02:09p		3,353 TraderExchangeIdentifier.class,v
		25 File(s)	163,349 bytes

Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix\constants

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		25,947 Constants.class,v

10/24/2003 02:09p dir.txt  
2 File(s) 2,016 FIXConstants.class,v  
27,963 bytes

Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix\fixmodifiers

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/24/2003 02:09p 5,558 BL00FixModifier.class,v  
10/24/2003 02:09p 2,223 RITDFixModifier\$RitdClient.class,v  
10/24/2003 02:09p 7,609 RITDFixModifier.class,v  
3 File(s) 15,390 bytes

Directory of D:\cvs\cmm\esmfix\build\com\ksil\esmfix\monitor

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/24/2003 02:09p 1,731 ApplicationBaseMonitor.class,v  
1 File(s) 1,731 bytes

Directory of D:\cvs\cmm\esmfix\src

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> com  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmfix\src\com

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> crown  
10/31/2003 04:01p <DIR> esmfix  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmfix\src\com\crown

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> nes  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmfix\src\com\crown\nes

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
10/31/2003 04:01p <DIR> common  
10/31/2003 04:01p <DIR> parser  
10/31/2003 04:01p <DIR> rules  
10/31/2003 04:01p <DIR> util  
0 File(s) 0 bytes

Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\common

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
09/08/2003 06:30a 996 Constants.java,v  
1 File(s) 996 bytes

Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\parser

01/01/1601 12:00a <DIR> .  
01/01/1601 12:00a <DIR> ..  
09/08/2003 06:30a 686 IRuleEventReceiver.java,v  
Page 24

```

                                dir.txt
09/08/2003 06:30a                900 RuleEventObject.java,v
09/08/2003 06:30a            6,158 RuleParser.java,v
09/08/2003 06:30a            1,698 RuleParserConstants.java,v
09/08/2003 06:30a            3,885 RuleProcessInfo.java,v
                                5 File(s)
                                13,327 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\rules

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a                683 IRule.java,v
09/08/2003 06:30a                786 IRuleEvalObj.java,v
09/08/2003 06:30a                905 IRuleKey.java,v
09/08/2003 06:30a            8,947 NESRule.java,v
09/08/2003 06:30a            8,175 NESRuleTreeKey.java,v
09/08/2003 06:30a            4,018 RoundingRule.java,v
09/08/2003 06:30a            7,458 RoundingRuleData.java,v
09/08/2003 06:30a            3,826 RoundingRulesCache.java,v
09/08/2003 06:30a            8,110 RoundingRuleTreeKey.java,v
09/08/2003 06:30a            1,718 RuleBearer.java,v
09/08/2003 06:30a            1,045 RuleConstants.java,v
09/08/2003 06:30a            10,150 RulesCache.java,v
                                12 File(s)
                                55,821 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\util

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      db
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\crown\nes\util\db

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a            5,277 ConnectionMgr.java,v
09/08/2003 06:30a            3,217 DBConfiguration.java,v
09/08/2003 06:30a            3,184 DBUtil.java,v
09/08/2003 06:30a            647 IResultSetProcessor.java,v
09/08/2003 06:30a            642 IUpdateProcessor.java,v
09/08/2003 06:30a            767 NullSQLType.java,v
09/08/2003 06:30a            2,945 SQLExecutor.java,v
                                7 File(s)
                                16,679 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\esmfix

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      component
10/31/2003 04:01p      <DIR>      constants
10/31/2003 04:01p      <DIR>      fixmodifiers
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\esmfix\component

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 11:11a            16,801 .IDMapper.java.swp,v
10/24/2003 02:09p            753 .nbattrs,v
10/24/2003 02:09p            5,833 ComponentHelper.java,v
10/24/2003 02:09p            9,570 CustomMessageModifier.java,v
10/24/2003 02:09p           95,881 FIXComponent.java,v
10/24/2003 02:09p           89,661 FIXComponent.solaris,v
                                Page 25

```

```

dir.txt
10/24/2003 02:09p 45,674 FixMWAccApp.java,v
10/24/2003 02:09p 792 FixServerThread.java,v
10/24/2003 02:09p 23,235 IDMapper.java,v
10/24/2003 02:09p 1,526 IMessageModifier.java,v
10/24/2003 02:09p 10,323 MessageValidator.java,v
09/08/2003 06:30a 2,676 NESParser.java,v
09/08/2003 06:30a 17,727 NESRuleProcessor.java,v
09/08/2003 06:30a 11,115 NESRuleProcessor.java.org,v
09/08/2003 06:30a 7,366 NESSession.java,v
09/08/2003 06:30a 2,157 OrderRule.java,v
09/08/2003 06:30a 5,079 RulesvrThread.java,v
10/24/2003 02:09p 3,037 TargetProfile.java,v
10/24/2003 02:09p 6,422 TraderExchangeIdentifier.java,v
19 File(s) 355,628 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\esmfix\constants

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 35,764 Constants.java,v
10/24/2003 02:09p 2,189 FIXConstants.java,v
2 File(s) 37,953 bytes

```

Directory of D:\cvs\cmm\esmfix\src\com\esmfix\fixmodifiers

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 5,616 BLOOFixModifier.java,v
10/24/2003 02:09p 10,231 RITDFixModifier.java,v
2 File(s) 15,847 bytes

```

Directory of D:\cvs\cmm\esmmarketdata

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> build
10/31/2003 04:01p <DIR> src
09/08/2003 06:30a 518 build.bat,v
09/08/2003 06:30a 511 build.sh,v
09/08/2003 06:30a 2,223 build.xml,v
09/08/2003 06:30a 528 doc.bat,v
4 File(s) 3,780 bytes

```

Directory of D:\cvs\cmm\esmmarketdata\build

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> com
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmmarketdata\build\com

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> ksil
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> esmmarketdata
0 File(s) 0 bytes

```

## dir.txt

Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	combined
10/31/2003	04:01p	<DIR>	service
10/31/2003	04:01p	<DIR>	util
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\combined

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		6,792 CombinedService.class,v
		1 File(s)	6,792 bytes

Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\service

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	rtp
09/08/2003	06:30a		3,956 BBOService.class,v
09/08/2003	06:30a		5,085 FBService.class,v
09/08/2003	06:30a		7,840 LoginService.class,v
09/08/2003	06:30a		3,719 LSPService.class,v
09/08/2003	06:30a		1,434 MarketDataService\$1.class,v
09/08/2003	06:30a		5,493 MarketDataService.class,v
09/08/2003	06:30a		4,040 PositionService.class,v
09/08/2003	06:30a		505 pubring.pgp,v
09/08/2003	06:30a		2,996 StatisticService.class,v
09/08/2003	06:30a		3,804 StatusService.class,v
		10 File(s)	38,872 bytes

Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\service\rtp

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		4,932 RTP.class,v
09/08/2003	06:30a		4,578 RTPService.class,v
		2 File(s)	9,510 bytes

Directory of D:\cvs\cmm\esmmarketdata\build\com\ksil\esmmarketdata\util

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		1,933 PasswordProvider.class,v
09/08/2003	06:30a		3,254 UserManager.class,v
		2 File(s)	5,187 bytes

Directory of D:\cvs\cmm\esmmarketdata\src

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmmarketdata\src\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	ksil
		0 File(s)	0 bytes

## dir.txt

Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmmarketdata
	0 File(s)		0 bytes

Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	combined
10/31/2003	04:01p	<DIR>	service
10/31/2003	04:01p	<DIR>	util
	0 File(s)		0 bytes

Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\combined

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		14,486 CombinedService.java,v
	1 File(s)		14,486 bytes

Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\service

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	rtp
09/08/2003	06:30a		806 .nbattrsv
09/08/2003	06:30a		7,212 BBOService.java,v
09/08/2003	06:30a		10,247 FBService.java,v
09/08/2003	06:30a		20,270 LoginService.java,v
09/08/2003	06:30a		6,656 LSPService.java,v
09/08/2003	06:30a		14,594 MarketDataService.java,v
09/08/2003	06:30a		7,305 PositionService.java,v
09/08/2003	06:30a		505 pubring.pgp,v
09/08/2003	06:30a		4,529 StatisticService.java,v
09/08/2003	06:30a		6,836 StatusService.java,v
	10 File(s)		78,960 bytes

Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\service\rtp

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		621 .nbattrsv
09/08/2003	06:30a		16,566 RTP.java,v
09/08/2003	06:30a		8,502 RTPService.java,v
	3 File(s)		25,689 bytes

Directory of D:\cvs\cmm\esmmarketdata\src\com\ksil\esmmarketdata\util

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		2,807 PasswordProvider.java,v
09/08/2003	06:30a		10,329 UserManager.java,v
	2 File(s)		13,136 bytes

Directory of D:\cvs\cmm\esmserver

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	build

```

                                dir.txt
10/31/2003  04:01p      <DIR>      src
10/24/2003  02:09p      496 build.bat,v
10/24/2003  02:09p      502 build.sh,v
10/24/2003  02:09p      1,923 build.xml,v
10/24/2003  02:09p      506 doc.bat,v
                                4 File(s)      3,427 bytes

```

Directory of D:\cvs\cmm\esmsserver\build

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      com
                                0 File(s)      0 bytes

```

Directory of D:\cvs\cmm\esmsserver\build\com

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      esmsserver
10/31/2003  04:01p      <DIR>      ksil
                                0 File(s)      0 bytes

```

Directory of D:\cvs\cmm\esmsserver\build\com\esmsserver

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      beans
10/31/2003  04:01p      <DIR>      constants
10/31/2003  04:01p      <DIR>      manager
10/24/2003  02:09p      29,060 ESMServer.class,v
10/24/2003  02:09p      5,783 ESMServer_Skel.class,v
10/24/2003  02:09p      9,910 ESMServer_Stub.class,v
10/24/2003  02:09p      1,437 IESMServer.class,v
                                4 File(s)      46,190 bytes

```

Directory of D:\cvs\cmm\esmsserver\build\com\esmsserver\beans

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:09p      6,577 ESMServerBean.class,v
                                1 File(s)      6,577 bytes

```

Directory of D:\cvs\cmm\esmsserver\build\com\esmsserver\constants

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:09p      1,720 ESMServerConstants.class,v
                                1 File(s)      1,720 bytes

```

Directory of D:\cvs\cmm\esmsserver\build\com\esmsserver\manager

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:09p      2,192 ComponentManager$ConnectThread.class,v
10/24/2003  02:09p      4,984 ComponentManager.class,v
                                2 File(s)      7,176 bytes

```

Directory of D:\cvs\cmm\esmsserver\build\com\ksil

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      esmsserver
                                0 File(s)      0 bytes

```

## dir.txt

Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	beans	
10/31/2003	04:01p	<DIR>	constants	
10/31/2003	04:01p	<DIR>	manager	
10/24/2003	02:09p		ESMServer.class,v	16,234
10/24/2003	02:09p		ESMServer_Skel.class,v	5,793
10/24/2003	02:09p		ESMServer_Stub.class,v	9,930
10/24/2003	02:09p		IESMServer.class,v	1,442
		4 File(s)		33,399 bytes

Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver\beans

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/24/2003	02:09p		ESMServerBean.class,v	6,515
		1 File(s)		6,515 bytes

Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver\constants

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/24/2003	02:09p		ESMServerConstants.class,v	1,734
		1 File(s)		1,734 bytes

Directory of D:\cvs\cmm\esmserver\build\com\ksil\esmserver\manager

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/24/2003	02:09p		ComponentManager\$ConnectThread.class,v	2,226
10/24/2003	02:09p		ComponentManager.class,v	5,068
		2 File(s)		7,294 bytes

Directory of D:\cvs\cmm\esmserver\src

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	com	
		0 File(s)		0 bytes

Directory of D:\cvs\cmm\esmserver\src\com

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	esmserver	
		0 File(s)		0 bytes

Directory of D:\cvs\cmm\esmserver\src\com\esmserver

01/01/1601	12:00a	<DIR>	.	
01/01/1601	12:00a	<DIR>	..	
10/31/2003	04:01p	<DIR>	beans	
10/31/2003	04:01p	<DIR>	constants	
10/31/2003	04:01p	<DIR>	manager	
10/24/2003	02:09p		.nbatttrs,v	2,089
10/24/2003	02:09p		ESMServer.java,v	33,147
10/24/2003	02:09p		ESMServer.rmi,v	391
10/24/2003	02:09p		IESMServer.java,v	5,268
		4 File(s)		40,895 bytes



## dir.txt

Directory of D:\cvs\cmm\esmserver\src\com\esmserver\beans

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		13,920 ESMServerBean.java,v
		1 File(s)	13,920 bytes

Directory of D:\cvs\cmm\esmserver\src\com\esmserver\constants

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		1,527 ESMServerConstants.java,v
		1 File(s)	1,527 bytes

Directory of D:\cvs\cmm\esmserver\src\com\esmserver\manager

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		16,790 .ComponentManager.java.swp,v
10/24/2003	02:09p		595 .nbatttrs,v
10/24/2003	02:09p		11,446 ComponentManager.java,v
		3 File(s)	28,831 bytes

Directory of D:\cvs\cmm\esmutil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	build
10/31/2003	04:01p	<DIR>	src
10/24/2003	02:09p		802 .nbatttrs,v
10/24/2003	02:09p		469 build.bat,v
10/24/2003	02:09p		503 build.sh,v
10/24/2003	02:09p		2,035 build.xml,v
10/24/2003	02:09p		506 doc.bat,v
		5 File(s)	4,315 bytes

Directory of D:\cvs\cmm\esmutil\build

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmutil\build\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmutil
10/31/2003	04:01p	<DIR>	ksil
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmutil\build\com\esmutil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	connection
10/31/2003	04:01p	<DIR>	database
10/31/2003	04:01p	<DIR>	exception
10/31/2003	04:01p	<DIR>	game
10/31/2003	04:01p	<DIR>	list
10/31/2003	04:01p	<DIR>	lock
10/31/2003	04:01p	<DIR>	logging
10/31/2003	04:01p	<DIR>	map

```

10/31/2003 04:01p <DIR> dir.txt
10/31/2003 04:01p <DIR> persistence
10/31/2003 04:01p <DIR> queue
10/31/2003 04:01p <DIR> security
10/31/2003 04:01p <DIR> stream
10/31/2003 04:01p <DIR> transport
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\connection

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,555 ConnectionImpl.class,v
10/24/2003 02:09p 2,218 ConnectionManager.class,v
10/24/2003 02:09p 671 IConnection.class,v
3 File(s) 4,444 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\database

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 4,597 DBBase.class,v
10/24/2003 02:09p 1,946 DBManager.class,v
10/24/2003 02:09p 1,688 DBQuery.class,v
10/24/2003 02:09p 706 IQuery.class,v
10/24/2003 02:09p 1,509 QueryBase$QueryKey.class,v
10/24/2003 02:09p 3,181 QueryBase.class,v
10/24/2003 02:09p 767 QueryException.class,v
7 File(s) 14,394 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\exception

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 981 ESMEException.class,v
1 File(s) 981 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\game

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 4,927 GameServer.class,v
10/24/2003 02:09p 2,463 GameServer_Skel.class,v
10/24/2003 02:09p 4,193 GameServer_Stub.class,v
10/24/2003 02:09p 796 IGameServer.class,v
10/24/2003 02:09p 738 IPlayer.class,v
10/24/2003 02:09p 1,436 Player.class,v
10/24/2003 02:09p 2,560 Player_Skel.class,v
10/24/2003 02:09p 4,728 Player_Stub.class,v
8 File(s) 21,841 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\list

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 2,794 ESMPersistentArrayList.class,v
10/24/2003 02:09p 2,277 ListEvent.class,v
2 File(s) 5,071 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\lock

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,504 DistributedLock$1.class,v
Page 32

```

```

                                dir.txt
10/24/2003 02:09p                1,841 DistributedLock$Lockwaiter.class,v
10/24/2003 02:09p                6,139 DistributedLock.class,v
10/24/2003 02:09p               12,421 LockManager.class,v
10/24/2003 02:09p                1,079 Mutex.class,v
                                5 File(s)
                                22,984 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\logging

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      monitor
10/24/2003 02:09p                626 BroadcastTransportLogger$1.class,v
10/24/2003 02:09p               2,590 BroadcastTransportLogger$LogEntry.class,v
10/24/2003 02:09p               4,811 BroadcastTransportLogger.class,v
10/24/2003 02:09p               1,012 ILogger.class,v
10/24/2003 02:09p               1,941 LoggerManager.class,v
10/24/2003 02:09p               3,477 MonitorApplet.class,v
                                6 File(s)
                                14,457 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\logging\monitor

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p               2,093 HighlightTable.class,v
10/24/2003 02:09p               3,662 LogMonitorTableModel.class,v
10/24/2003 02:09p               2,672 PlaySound.class,v
10/24/2003 02:09p               609 ResponseTimer$1.class,v
10/24/2003 02:09p               2,305 ResponseTimer$OrderAckStatistic.class,v
10/24/2003 02:09p               6,560 ResponseTimer.class,v
10/24/2003 02:09p               2,591 TransportLogListener.class,v
10/24/2003 02:09p               3,110 TransportLogMonitorApplication.class,v
10/24/2003 02:09p               2,668 TransportLogMonitorFrame$1.class,v
10/24/2003 02:09p               5,677 TransportLogMonitorFrame.class,v
                                10 File(s)
                                31,947 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\map

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p               2,387 ESMMMap.class,v
10/24/2003 02:09p               3,322 ESMPersistentMap.class,v
10/24/2003 02:09p               2,761 MapEvent.class,v
10/24/2003 02:09p               2,206 StringSerializer.class,v
                                4 File(s)
                                10,676 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\persistence

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p               812 IESMSerializable.class,v
10/24/2003 02:09p               675 ITransactionLog.class,v
10/24/2003 02:09p               605 ITransactionLogHandler.class,v
10/24/2003 02:09p               634 PersistentSequenceNumber$1.class,v
10/24/2003 02:09p               2,589 PersistentSequenceNumber$PersistentSequenceNumberSeriali.class,v
10/24/2003 02:09p               2,413 PersistentSequenceNumber.class,v
10/24/2003 02:09p               604 TransactionLog$1.class,v
10/24/2003 02:09p               1,899 TransactionLog$Logwaiter.class,v
10/24/2003 02:09p               4,258 TransactionLog.class,v
10/24/2003 02:09p               7,531 TransactionLogManager.class,v
                                10 File(s)
                                22,020 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\esmutil\queue

## dir.txt

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 2,874 ESMTPersistentQueue.class,v
10/24/2003 02:09p 574 ESMQueue$1.class,v
10/24/2003 02:09p 2,034 ESMQueue$QueueNode.class,v
10/24/2003 02:09p 1,775 ESMQueue$QueueWaiter.class,v
10/24/2003 02:09p 3,268 ESMQueue.class,v
10/24/2003 02:09p 1,502 ObjectWrapper.class,v
10/24/2003 02:09p 2,364 QueueEvent.class,v
7 File(s) 14,391 bytes

```

## Directory of D:\cvs\cmm\esmutil\build\com\esmutil\security

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,732 SecurityDetails.class,v
10/24/2003 02:09p 7,146 SecurityMapper.class,v
2 File(s) 8,878 bytes

```

## Directory of D:\cvs\cmm\esmutil\build\com\esmutil\stream

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 8,354 ConversionUtilities.class,v
10/24/2003 02:09p 1,916 ESMInputStream.class,v
10/24/2003 02:09p 971 ESMInputStream$ResultPair.class,v
10/24/2003 02:09p 3,363 ESMInputStream.class,v
10/24/2003 02:09p 1,834 ESMOutputStream.class,v
10/24/2003 02:09p 1,302 OffsetTracker.class,v
6 File(s) 17,740 bytes

```

## Directory of D:\cvs\cmm\esmutil\build\com\esmutil\transport

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 591 IBroadcastListener.class,v
10/24/2003 02:09p 833 IESMBroadcastTransport.class,v
10/24/2003 02:09p 1,039 IMapMessage.class,v
10/24/2003 02:09p 1,293 TibcoBroadcastTransport$1.class,v
10/24/2003 02:09p 1,567 TibcoBroadcastTransport$2.class,v
10/24/2003 02:09p 3,075 TibcoBroadcastTransport.class,v
10/24/2003 02:09p 3,409 TibcoMapMessage.class,v
10/24/2003 02:09p 1,574 TransportManager.class,v
8 File(s) 13,381 bytes

```

## Directory of D:\cvs\cmm\esmutil\build\com\ksil

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> esmutil
0 File(s) 0 bytes

```

## Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> connection
10/31/2003 04:01p <DIR> database
10/31/2003 04:01p <DIR> exception
10/31/2003 04:01p <DIR> game
10/31/2003 04:01p <DIR> list
10/31/2003 04:01p <DIR> lock

```

10/31/2003	04:01p	<DIR>	dir.txt
10/31/2003	04:01p	<DIR>	logging
10/31/2003	04:01p	<DIR>	map
10/31/2003	04:01p	<DIR>	persistence
10/31/2003	04:01p	<DIR>	queue
10/31/2003	04:01p	<DIR>	security
10/31/2003	04:01p	<DIR>	stream
10/31/2003	04:01p	<DIR>	transport
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\connection

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		1,600 ConnectionImpl.class,v
10/24/2003	02:09p		2,254 ConnectionManager.class,v
10/24/2003	02:09p		686 IConnection.class,v
		3 File(s)	4,540 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\database

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		4,607 DBBase.class,v
10/24/2003	02:09p		1,976 DBManager.class,v
10/24/2003	02:09p		1,718 DBQuery.class,v
10/24/2003	02:09p		716 IQuery.class,v
10/24/2003	02:09p		1,534 QueryBase\$QueryKey.class,v
10/24/2003	02:09p		3,261 QueryBase.class,v
10/24/2003	02:09p		777 QueryException.class,v
		7 File(s)	14,589 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\exception

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		991 ESMException.class,v
		1 File(s)	991 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\game

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		4,982 GameServer.class,v
10/24/2003	02:09p		2,497 GameServer_Skel.class,v
10/24/2003	02:09p		4,242 GameServer_Stub.class,v
10/24/2003	02:09p		811 IGameServer.class,v
10/24/2003	02:09p		743 IPlayer.class,v
10/24/2003	02:09p		1,451 Player.class,v
10/24/2003	02:09p		2,570 Player_Skel.class,v
10/24/2003	02:09p		4,748 Player_Stub.class,v
		8 File(s)	22,044 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\list

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		2,888 ESMPersistentArrayList.class,v
10/24/2003	02:09p		2,341 ListEvent.class,v
		2 File(s)	5,229 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\lock

01/01/1601	12:00a	<DIR>	.
------------	--------	-------	---

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
10/24/2003 02:09p      1,529 DistributedLock$1.class,v
10/24/2003 02:09p      1,896 DistributedLock$LockWaiter.class,v
10/24/2003 02:09p      6,229 DistributedLock.class,v
10/24/2003 02:09p      6,621 LockManager.class,v
10/24/2003 02:09p      1,089 Mutex.class,v
                        5 File(s)      17,364 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\logging

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      monitor
10/24/2003 02:09p      636 BroadcastTransportLogger$1.class,v
10/24/2003 02:09p      2,660 BroadcastTransportLogger$LogEntry.class,v
10/24/2003 02:09p      4,881 BroadcastTransportLogger.class,v
10/24/2003 02:09p      1,017 ILogger.class,v
10/24/2003 02:09p      1,976 LoggerManager.class,v
10/24/2003 02:09p      3,517 MonitorApplet.class,v
                        6 File(s)      14,687 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\logging\monitor

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      2,103 HighlightTable.class,v
10/24/2003 02:09p      3,687 LogMonitorTableModel.class,v
10/24/2003 02:09p      2,675 PlaySound.class,v
10/24/2003 02:09p      619 ResponseTimer$1.class,v
10/24/2003 02:09p      2,364 ResponseTimer$OrderAckStatistic.class,v
10/24/2003 02:09p      6,665 ResponseTimer.class,v
10/24/2003 02:09p      2,640 TransportLogListener.class,v
10/24/2003 02:09p      3,143 TransportLogMonitorApplication.class,v
10/24/2003 02:09p      2,746 TransportLogMonitorFrame$1.class,v
10/24/2003 02:09p      5,776 TransportLogMonitorFrame.class,v
                        10 File(s)      32,418 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\map

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      2,422 ESMap.class,v
10/24/2003 02:09p      3,422 ESMPersistentMap.class,v
10/24/2003 02:09p      2,836 MapEvent.class,v
10/24/2003 02:09p      2,281 StringSerializer.class,v
                        4 File(s)      10,961 bytes

```

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\persistence

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      832 IESMSerializable.class,v
10/24/2003 02:09p      685 ITransactionLog.class,v
10/24/2003 02:09p      615 ITransactionLogHandler.class,v
10/24/2003 02:09p      644 PersistentSequenceNumber$1.class,v
10/24/2003 02:09p      2,684 PersistentSequenceNumber$PersistentSequenceNumbersSeriali.class,v
10/24/2003 02:09p      2,493 PersistentSequenceNumber.class,v
10/24/2003 02:09p      614 TransactionLog$1.class,v
10/24/2003 02:09p      1,954 TransactionLog$LogWaiter.class,v
10/24/2003 02:09p      4,403 TransactionLog.class,v
10/24/2003 02:09p      7,666 TransactionLogManager.class,v
                        10 File(s)      22,590 bytes

```

## dir.txt

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\queue

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		2,973 ESMTPersistentQueue.class,v
10/24/2003	02:09p		584 ESMQueue\$1.class,v
10/24/2003	02:09p		2,124 ESMQueue\$QueueNode.class,v
10/24/2003	02:09p		1,830 ESMQueue\$QueueWaiter.class,v
10/24/2003	02:09p		3,398 ESMQueue.class,v
10/24/2003	02:09p		1,542 ObjectWrapper.class,v
10/24/2003	02:09p		2,428 QueueEvent.class,v
		7 File(s)	14,879 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\security

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		1,742 SecurityDetails.class,v
10/24/2003	02:09p		7,211 SecurityMapper.class,v
		2 File(s)	8,953 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\stream

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		8,240 ConversionUtilities.class,v
10/24/2003	02:09p		1,926 ESMInputOutputStream.class,v
10/24/2003	02:09p		986 ESMInputStream\$ResultPair.class,v
10/24/2003	02:09p		3,398 ESMInputStream.class,v
10/24/2003	02:09p		1,854 ESMOutputStream.class,v
10/24/2003	02:09p		1,312 OffsetTracker.class,v
		6 File(s)	17,716 bytes

Directory of D:\cvs\cmm\esmutil\build\com\ksil\esmutil\transport

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		601 IBroadcastListener.class,v
10/24/2003	02:09p		858 IESMBroadcastTransport.class,v
10/24/2003	02:09p		1,044 IMapMessage.class,v
10/24/2003	02:09p		1,303 TibcoBroadcastTransport\$1.class,v
10/24/2003	02:09p		1,612 TibcoBroadcastTransport\$2.class,v
10/24/2003	02:09p		3,145 TibcoBroadcastTransport.class,v
10/24/2003	02:09p		3,424 TibcoMapMessage.class,v
10/24/2003	02:09p		1,609 TransportManager.class,v
		8 File(s)	13,596 bytes

Directory of D:\cvs\cmm\esmutil\src

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
10/24/2003	02:09p		599 .nbattrsv
		1 File(s)	599 bytes

Directory of D:\cvs\cmm\esmutil\src\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esmutil
		0 File(s)	0 bytes

## dir.txt

Directory of D:\cvs\cmm\esmutil\src\com\esmutil

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> connection
10/31/2003 04:01p <DIR> database
10/31/2003 04:01p <DIR> exception
10/31/2003 04:01p <DIR> game
10/31/2003 04:01p <DIR> list
10/31/2003 04:01p <DIR> lock
10/31/2003 04:01p <DIR> logging
10/31/2003 04:01p <DIR> map
10/31/2003 04:01p <DIR> persistence
10/31/2003 04:01p <DIR> queue
10/31/2003 04:01p <DIR> security
10/31/2003 04:01p <DIR> stream
10/31/2003 04:01p <DIR> transport
0 File(s) 0 bytes

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\connection

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,883 ConnectionImpl.java,v
10/24/2003 02:09p 3,710 ConnectionManager.java,v
10/24/2003 02:09p 1,071 IConnection.java,v
3 File(s) 6,664 bytes

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\database

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 8,560 DBBase.java,v
10/24/2003 02:09p 2,139 DBManager.java,v
10/24/2003 02:09p 2,559 DBQuery.java,v
10/24/2003 02:09p 1,496 IQuery.java,v
10/24/2003 02:09p 7,484 QueryBase.java,v
10/24/2003 02:09p 783 QueryException.java,v
6 File(s) 23,021 bytes

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\exception

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 1,226 ESMEException.java,v
1 File(s) 1,226 bytes

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\game

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:09p 599 .nbattrsv
10/24/2003 02:09p 7,401 GameServer.java,v
10/24/2003 02:09p 391 GameServer.rmi,v
10/24/2003 02:09p 1,307 IGameServer.java,v
10/24/2003 02:09p 1,477 IPlayer.java,v
10/24/2003 02:09p 2,453 Player.java,v
10/24/2003 02:09p 391 Player.rmi,v
7 File(s) 14,019 bytes

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\list

```

01/01/1601 12:00a <DIR> .

```



```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
10/24/2003 02:09p      .599  ..
10/24/2003 02:09p      3,887 ESMPersistentArrayList.java,v
10/24/2003 02:09p      3,555 ListEvent.java,v
                                8,041 bytes
      3 File(s)

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\lock

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      11,799 DistributedLock.java,v
10/24/2003 02:09p      13,249 LockManager.java,v
10/24/2003 02:09p      1,238 Mutex.java,v
                                26,286 bytes
      3 File(s)

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\logging

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      monitor
10/24/2003 02:09p      595  ..nbattrsv
10/24/2003 02:09p      10,229 BroadcastTransportLogger.java,v
10/24/2003 02:09p      1,641 ILogger.java,v
10/24/2003 02:09p      2,437 LoggerManager.java,v
10/24/2003 02:09p      5,365 MonitorApplet.java,v
                                20,267 bytes
      5 File(s)

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\logging\monitor

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      1,117 ..nbattrsv
10/24/2003 02:09p      2,636 HighlightTable.java,v
10/24/2003 02:09p      6,067 LogMonitorTableModel.java,v
10/24/2003 02:09p      1,975 PlaySound.java,v
10/24/2003 02:09p      10,851 ResponseTimer.java,v
10/24/2003 02:09p      3,381 TransportLogListener.java,v
10/24/2003 02:09p      3,988 TransportLogMonitorApplication.java,v
10/24/2003 02:09p      8,129 TransportLogMonitorFrame.java,v
                                38,144 bytes
      8 File(s)

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\map

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      3,110 ESMMMap.java,v
10/24/2003 02:09p      5,130 ESMPersistentMap.java,v
10/24/2003 02:09p      4,633 MapEvent.java,v
10/24/2003 02:09p      3,075 StringSerializer.java,v
                                15,948 bytes
      4 File(s)

```

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\persistence

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:09p      1,588 IESMSerializable.java,v
10/24/2003 02:09p      1,018 ITransactionLog.java,v
10/24/2003 02:09p      712 ITransactionLogHandler.java,v
10/24/2003 02:09p      4,954 PersistentSequenceNumber.java,v
10/24/2003 02:09p      7,000 TransactionLog.java,v
10/24/2003 02:09p      13,011 TransactionLogManager.java,v
                                28,283 bytes
      6 File(s)

```

## dir.txt

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\queue

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		4,398 ESMPersistentQueue.java,v
10/24/2003	02:09p		7,304 ESMQueue.java,v
10/24/2003	02:09p		2,243 ObjectWrapper.java,v
10/24/2003	02:09p		3,973 QueueEvent.java,v
		4 File(s)	17,918 bytes

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\security

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		16,787 .SecurityMapper.java.swp,v
10/24/2003	02:09p		3,029 SecurityDetails.java,v
10/24/2003	02:09p		14,974 SecurityMapper.java,v
		3 File(s)	34,790 bytes

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\stream

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		22,836 ConversionUtilities.java,v
09/19/2003	11:11a		22,704 ConversionUtilities.my,v
10/24/2003	02:09p		2,469 ESMInputOutputStream.java,v
10/24/2003	02:09p		6,760 ESMInputStream.java,v
10/24/2003	02:09p		2,595 ESMOutputStream.java,v
10/24/2003	02:09p		2,112 OffsetTracker.java,v
		6 File(s)	59,476 bytes

Directory of D:\cvs\cmm\esmutil\src\com\esmutil\transport

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:09p		706 IBroadcastListener.java,v
10/24/2003	02:09p		1,476 IESMBroadcastTransport.java,v
10/24/2003	02:09p		3,109 IMapMessage.java,v
10/24/2003	02:09p		7,273 TibcoBroadcastTransport.java,v
10/24/2003	02:09p		6,095 TibcoMapMessage.java,v
10/24/2003	02:09p		1,773 TransportManager.java,v
		6 File(s)	20,432 bytes

Directory of D:\cvs\cmm\mds

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	build
10/31/2003	04:01p	<DIR>	src
09/08/2003	06:30a		518 build.bat,v
09/08/2003	06:30a		1,486 build.xml,v
		2 File(s)	2,004 bytes

Directory of D:\cvs\cmm\mds\build

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	kts
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\mds\build\kts

01/01/1601	12:00a	<DIR>	.
------------	--------	-------	---

```

                                dir.txt
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      com
10/31/2003 04:01p      <DIR>      model
10/31/2003 04:01p      <DIR>      services
10/31/2003 04:01p      <DIR>      util
                                0 File(s)
                                0 bytes

```

## Directory of D:\cvs\cmm\mds\build\kts\com

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a      4,411 Formatter.class,v
09/08/2003 06:30a      6,344 Parser.class,v
09/08/2003 06:30a      2,698 RRSubscriber.class,v
09/08/2003 06:30a      611 RvListener.class,v
09/08/2003 06:30a      704 RvListenerData.class,v
09/08/2003 06:30a      3,067 RvPublisher.class,v
09/08/2003 06:30a      1,559 RvSubscriber$I.class,v
09/08/2003 06:30a      923 RvSubscriber$Listener.class,v
09/08/2003 06:30a      904 RvSubscriber$ReplyCB.class,v
09/08/2003 06:30a      9,922 RvSubscriber.class,v
09/08/2003 06:30a      2,058 SerializedHandler.class,v
09/08/2003 06:30a      1,608 Simulator$I.class,v
09/08/2003 06:30a      3,160 Simulator$Generator.class,v
09/08/2003 06:30a      937 Simulator$SimListener.class,v
09/08/2003 06:30a      2,927 Simulator.class,v
09/08/2003 06:30a      502 Worker.class,v
                                16 File(s)
                                42,335 bytes

```

## Directory of D:\cvs\cmm\mds\build\kts\model

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a      1,455 TestBbo.class,v
09/08/2003 06:30a      1,680 TestLsp.class,v
09/08/2003 06:30a      1,518 TestMarketState.class,v
                                3 File(s)
                                4,653 bytes

```

## Directory of D:\cvs\cmm\mds\build\kts\services

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a      1,632 Alert.class,v
09/08/2003 06:30a      879 ApplyQuote.class,v
09/08/2003 06:30a      546 ApplyQuoteListener.class,v
09/08/2003 06:30a      1,986 ApplyQuoteService.class,v
09/08/2003 06:30a      779 AqCommand.class,v
09/08/2003 06:30a      544 AqCommandListener.class,v
09/08/2003 06:30a      2,870 AqCommandService.class,v
09/08/2003 06:30a      3,047 AqInfo.class,v
09/08/2003 06:30a      538 AqInfoListener.class,v
09/08/2003 06:30a      2,393 AqInfoService.class,v
09/08/2003 06:30a      685 CustomerOrderReflection.class,v
09/08/2003 06:30a      572 CustomerOrderReflectionListener.class,v
09/08/2003 06:30a      2,063 CustomerOrderReflectionService.class,v
09/08/2003 06:30a      12,641 DBConn.class,v
09/08/2003 06:30a      6,898 DBCreate.class,v
09/08/2003 06:30a      4,248 DBSer.class,v
09/08/2003 06:30a      3,001 Fx.class,v
09/08/2003 06:30a      530 FxListener.class,v
09/08/2003 06:30a      1,895 FxService.class,v
09/08/2003 06:30a      1,112 IdMap.class,v
09/08/2003 06:30a      3,083 Index.class,v
                                Page 41

```

```

                                dir.txt
09/08/2003 06:30a          536 IndexListener.class,v
09/08/2003 06:30a      2,047 IndexService.class,v
09/08/2003 06:30a          716 KTBbo.class,v
09/08/2003 06:30a          910 KTBidAsk.class,v
09/08/2003 06:30a          661 KTCurrencyQuote.class,v
09/08/2003 06:30a          623 KTEntity.class,v
09/08/2003 06:30a      2,096 KTEXOrder.class,v
09/08/2003 06:30a      1,040 KTEXOrderAck.class,v
09/08/2003 06:30a          627 KTFirmReference.class,v
09/08/2003 06:30a          866 KTMMQuote.class,v
09/08/2003 06:30a          858 KTQuote.class,v
09/08/2003 06:30a      1,090 KTRequestForService.class,v
09/08/2003 06:30a      2,279 KTTrade.class,v
09/08/2003 06:30a          770 KTTradeParty.class,v
09/08/2003 06:30a      5,512 Lsp.class,v
09/08/2003 06:30a          532 LspListener.class,v
09/08/2003 06:30a      1,377 LspRequest$1.class,v
09/08/2003 06:30a      3,171 LspRequest.class,v
09/08/2003 06:30a      2,540 LspService.class,v
09/08/2003 06:30a          901 MarketState.class,v
09/08/2003 06:30a          548 MarketStateListener.class,v
09/08/2003 06:30a      1,663 MarketStateService.class,v
09/08/2003 06:30a          581 OrderListener.class,v
09/08/2003 06:30a      2,791 OrderService.class,v
09/08/2003 06:30a      1,490 ProductByVenue.class,v
09/08/2003 06:30a      6,507 Quote.class,v
09/08/2003 06:30a          536 QuoteListener.class,v
09/08/2003 06:30a      1,389 QuoteRequest$1.class,v
09/08/2003 06:30a      3,300 QuoteRequest.class,v
09/08/2003 06:30a      2,754 QuoteService.class,v
09/08/2003 06:30a      1,732 RRSERVICE.class,v
09/08/2003 06:30a          556 RRSERVICEListener.class,v
09/08/2003 06:30a      2,520 Service.class,v
09/08/2003 06:30a          557 StateListener.class,v
09/08/2003 06:30a          879 StateMsg.class,v
09/08/2003 06:30a      3,320 Stateservice.class,v
09/08/2003 06:30a      2,098 TestBboRR.class,v
09/08/2003 06:30a          538 TradeListener.class,v
09/08/2003 06:30a      1,131 TradeService$1.class,v
09/08/2003 06:30a      2,029 TradeService.class,v
                                61 File(s)      118,013 bytes

```

Directory of D:\cvs\cmm\mds\build\kts\util

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a      3,111 Config.class,v
09/08/2003 06:30a      2,588 TableConfigRecord.class,v
                                2 File(s)      5,699 bytes

```

Directory of D:\cvs\cmm\mds\src

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      kts
                                0 File(s)      0 bytes

```

Directory of D:\cvs\cmm\mds\src\kts

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      com
10/31/2003 04:01p      <DIR>      model
                                Page 42

```

```

10/31/2003 04:01p <DIR> dir.txt
10/31/2003 04:01p <DIR> services
0 File(s) util
0 bytes

```

## Directory of D:\cvs\cmm\mds\src\kts\com

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/08/2003 06:30a 9,142 Formatter.java,v
09/08/2003 06:30a 15,257 Parser.java,v
09/08/2003 06:30a 3,070 RRSubscriber.java,v
09/08/2003 06:30a 867 RVListener.java,v
09/08/2003 06:30a 922 RVListenerData.java,v
09/08/2003 06:30a 6,835 RVPublisher.java,v
09/08/2003 06:30a 17,959 RVSubscriber.java,v
09/08/2003 06:30a 3,484 SerializedHandler.java,v
09/08/2003 06:30a 6,398 Simulator.java,v
09/08/2003 06:30a 794 Worker.java,v
10 File(s) 64,728 bytes

```

## Directory of D:\cvs\cmm\mds\src\kts\model

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/08/2003 06:30a 1,131 TestBbo.java,v
09/08/2003 06:30a 1,466 TestLsp.java,v
09/08/2003 06:30a 1,279 TestMarketState.java,v
3 File(s) 3,876 bytes

```

## Directory of D:\cvs\cmm\mds\src\kts\services

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/08/2003 06:30a 2,120 Alert.java,v
09/08/2003 06:30a 989 ApplyQuote.java,v
09/08/2003 06:30a 750 ApplyQuoteListener.java,v
09/08/2003 06:30a 2,086 ApplyQuoteService.java,v
09/08/2003 06:30a 919 AqCommand.java,v
09/08/2003 06:30a 751 AqCommandListener.java,v
09/08/2003 06:30a 3,311 AqCommandService.java,v
09/08/2003 06:30a 7,363 AqInfo.java,v
09/08/2003 06:30a 906 AqInfoListener.java,v
09/08/2003 06:30a 3,587 AqInfoService.java,v
09/08/2003 06:30a 792 CustomerOrderReflection.java,v
09/08/2003 06:30a 967 CustomerOrderReflectionListener.java,v
09/08/2003 06:30a 2,143 CustomerOrderReflectionService.java,v
09/08/2003 06:30a 33,595 DBConn.java,v
09/08/2003 06:30a 11,990 DBCreate.java,v
09/08/2003 06:30a 7,083 DBSer.java,v
09/08/2003 06:30a 4,165 Fx.java,v
09/08/2003 06:30a 871 FxListener.java,v
09/08/2003 06:30a 2,693 FxService.java,v
09/08/2003 06:30a 1,377 IdMap.java,v
09/08/2003 06:30a 3,815 Index.java,v
09/08/2003 06:30a 956 IndexListener.java,v
09/08/2003 06:30a 2,334 IndexService.java,v
09/08/2003 06:30a 789 KTBbo.java,v
09/08/2003 06:30a 840 KTBidAsk.java,v
09/08/2003 06:30a 678 KTCurrencyQuote.java,v
09/08/2003 06:30a 660 KTEntity.java,v
09/08/2003 06:30a 2,188 KTExOrder.java,v
09/08/2003 06:30a 947 KTExOrderAck.java,v
09/08/2003 06:30a 642 KTFirmReference.java,v

```

```

                                dir.txt
09/08/2003 06:30a          788 KTMMQuote.java,v
09/08/2003 06:30a          891 KTQuote.java,v
09/08/2003 06:30a        1,027 KTRequestForService.java,v
09/08/2003 06:30a        2,998 KTRade.java,v
09/08/2003 06:30a          875 KTRadeParty.java,v
09/08/2003 06:30a       19,323 Lsp.java,v
09/08/2003 06:30a          878 LspListener.java,v
09/08/2003 06:30a        5,439 LspRequest.java,v
09/08/2003 06:30a        2,919 LspService.java,v
09/08/2003 06:30a          841 MarketState.java,v
09/08/2003 06:30a          760 MarketStateListener.java,v
09/08/2003 06:30a        2,214 MarketStateService.java,v
09/08/2003 06:30a          948 OrderListener.java,v
09/08/2003 06:30a        2,893 OrderService.java,v
09/08/2003 06:30a        2,133 ProductByVenue.java,v
09/08/2003 06:30a       17,213 Quote.java,v
09/08/2003 06:30a          893 QuoteListener.java,v
09/08/2003 06:30a        5,320 QuoteRequest.java,v
09/08/2003 06:30a        3,515 QuoteService.java,v
09/08/2003 06:30a        1,914 RRService.java,v
09/08/2003 06:30a        776 RRServiceListener.java,v
09/08/2003 06:30a        3,129 Service.java,v
09/08/2003 06:30a          913 StateListener.java,v
09/08/2003 06:30a        1,551 StateMsg.java,v
09/08/2003 06:30a        4,835 StateService.java,v
09/08/2003 06:30a        2,099 TestBboRR.java,v
09/08/2003 06:30a          895 TradeListener.java,v
09/08/2003 06:30a        2,262 TradeService.java,v
                                58 File(s)
                                192,549 bytes

```

Directory of D:\cvs\cmm\mds\src\kts\util

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/08/2003 06:30a        4,111 Config.java,v
09/08/2003 06:30a        4,293 TableConfigRecord.java,v
                                2 File(s)
                                8,404 bytes

```

Directory of D:\cvs\cmm\nesbrass

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      build
10/31/2003 04:01p      <DIR>      src
09/08/2003 06:30a        621 .nbattrsv
09/08/2003 06:30a        525 build.sh,v
09/08/2003 06:30a        2,026 build.xml,v
                                3 File(s)
                                3,172 bytes

```

Directory of D:\cvs\cmm\nesbrass\build

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      com
10/31/2003 04:01p      <DIR>      src
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\cmm\nesbrass\build\com

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      ksil
                                0 File(s)
                                0 bytes

```

## dir.txt

Directory of D:\cvs\cmm\nesbrass\build\com\ksil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	nesbrass
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\com\ksil\nesbrass

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	component
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\com\ksil\nesbrass\component

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
09/08/2003	06:30a		9,345 NESComponent.class,v
09/08/2003	06:30a		2,596 NESParser.class,v
09/08/2003	06:30a		5,150 NESSession.class,v
09/08/2003	06:30a		1,919 OrderRule.class,v
09/08/2003	06:30a		4,529 SessionReaderThread.class,v
		5 File(s)	23,539 bytes

Directory of D:\cvs\cmm\nesbrass\build\src

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esnbrass
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\src\esnbrass

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	src
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\src\esnbrass\src

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	com
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\src\esnbrass\src\com

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	ksil
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\src\esnbrass\src\com\ksil

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/31/2003	04:01p	<DIR>	esnbrass
		0 File(s)	0 bytes

Directory of D:\cvs\cmm\nesbrass\build\src\esnbrass\src\com\ksil\esnbrass

```

                                dir.txt
01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      constants
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cmm\nesbrass\build\src\esnbrass\src\com\ksil\esnbrass\constants

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/08/2003  06:30a      32,971 BrassFields.class,v
                                32,971 bytes
1 File(s)

```

Directory of D:\cvs\cmm\nesbrass\src

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      com
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cmm\nesbrass\src\com

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      ksil
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cmm\nesbrass\src\com\ksil

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      nesbrass
                                0 bytes
0 File(s)

```

Directory of D:\cvs\cmm\nesbrass\src\com\ksil\nesbrass

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      component
09/08/2003  06:30a      621 .nbattrsv,
                                621 bytes
1 File(s)

```

Directory of D:\cvs\cmm\nesbrass\src\com\ksil\nesbrass\component

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/08/2003  06:30a      803 .nbattrsv,
09/08/2003  06:30a      19,619 NESComponent.java,v
09/08/2003  06:30a      2,069 NESParser.java,v
09/08/2003  06:30a      6,906 NESSession.java,v
09/08/2003  06:30a      1,284 OrderRule.java,v
09/08/2003  06:30a      6,080 SessionReaderThread.java,v
                                36,761 bytes
6 File(s)

```

Directory of D:\cvs\ets

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      gui
10/31/2003  04:01p      <DIR>      makerules
10/31/2003  04:01p      <DIR>      pinnacle
11/03/2003  01:10p      <DIR>      slicer
11/03/2003  07:12a      <DIR>      sumosrvr
10/31/2003  04:01p      <DIR>      tools

```



```

10/16/2003 01:17p      dir.txt
                709 make.bash,v
                709 bytes
1 File(s)

```

Directory of D:\cvs\ets\gui

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      components
0 File(s)                                0 bytes

```

Directory of D:\cvs\ets\gui\components

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p      1,532 CrownCheckBox.java,v
08/27/2003 01:32p      3,368 CrownFloatField.java,v
08/27/2003 01:32p      2,877 CrownIntField.java,v
08/27/2003 01:32p      10,338 CrownTimeField.java,v
08/27/2003 01:32p      645 Makefile,v
5 File(s)                                18,760 bytes

```

Directory of D:\cvs\ets\makerules

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/13/2003 11:33a      719 defs.mk,v
08/27/2003 01:32p      676 rules.mk,v
2 File(s)                                1,395 bytes

```

Directory of D:\cvs\ets\pinnacle

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      bizobj
10/31/2003 04:01p      <DIR>      custint
10/31/2003 04:01p      <DIR>      db
10/31/2003 04:01p      <DIR>      execengine
10/31/2003 04:01p      <DIR>      feedagents
10/31/2003 04:01p      <DIR>      isld
10/31/2003 04:01p      <DIR>      lib
10/31/2003 04:01p      <DIR>      mktaccess
10/31/2003 04:01p      <DIR>      mktdata
10/31/2003 04:01p      <DIR>      ordent
10/31/2003 04:01p      <DIR>      run
10/31/2003 04:01p      <DIR>      sdp
10/31/2003 04:01p      <DIR>      sequencer
10/31/2003 04:01p      <DIR>      test
0 File(s)                                0 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      account
10/31/2003 04:01p      <DIR>      base
10/31/2003 04:01p      <DIR>      calendar
10/31/2003 04:01p      <DIR>      contra
10/31/2003 04:01p      <DIR>      firm
10/31/2003 04:01p      <DIR>      fix
10/31/2003 04:01p      <DIR>      market
10/31/2003 04:01p      <DIR>      mktxs
10/31/2003 04:01p      <DIR>      order
10/31/2003 04:01p      <DIR>      product

```

```

10/31/2003 04:01p <DIR> dir.txt
10/31/2003 04:01p <DIR> program
10/31/2003 04:01p <DIR> quote
10/31/2003 04:01p <DIR> refdata
10/31/2003 04:01p <DIR> rules
10/31/2003 04:01p <DIR> trade
10/31/2003 04:01p <DIR> trader
10/31/2003 04:01p <DIR> trdent
10/13/2003 11:33a 1,080 make.bash,v
1 File(s) 1,080 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\account

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
08/27/2003 01:32p 1,660 AccessType.java,v
08/27/2003 01:32p 1,714 AccountRole.java,v
08/27/2003 01:32p 1,679 AccountType.java,v
08/27/2003 01:32p 5,335 FirmAccount.java,v
08/27/2003 01:32p 646 Makefile,v
5 File(s) 11,034 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\base

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/22/2003 10:07a 5,510 BusinessObject.java,v
08/27/2003 01:32p 596 Makefile,v
08/27/2003 01:32p 1,576 UpdateType.java,v
3 File(s) 7,682 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\calendar

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
08/27/2003 01:32p 378 ..new,v
08/27/2003 01:32p 5,876 Calendar.java,v
08/27/2003 01:32p 570 Makefile,v
3 File(s) 6,824 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\contra

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
08/27/2003 01:32p 7,358 Customer.java,v
08/27/2003 01:32p 1,653 CustomerType.java,v
08/27/2003 01:32p 594 Makefile,v
3 File(s) 9,605 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\firm

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
08/27/2003 01:32p 6,167 Firm.java,v
08/27/2003 01:32p 562 Makefile,v
2 File(s) 6,729 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\fix

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/13/2003 11:32a <DIR> Attic
09/16/2003 04:01p 8,724 FIXMessage.java,v
09/16/2003 04:01p 4,095 FIXParser.java,v
Page 48

```

```

                                dir.txt
09/16/2003  04:01p                56,724 FIXTags.java,v
08/27/2003  01:32p                611 Makefile,v
                                70,154 bytes
4 File(s)

```

## Directory of D:\cvs\ets\pinnacle\bizobj\fix\Attic

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/13/2003  11:32a                8,849 FIXMessage.java,v
10/13/2003  11:32a                4,220 FIXParser.java,v
10/13/2003  11:32a           56,849 FIXTags.java,v
10/13/2003  11:32a                687 Makefile,v
4 File(s)                70,605 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\market

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
08/27/2003  01:32p           4,739 Exchange.java,v
08/27/2003  01:32p           1,215 LiquiditySource.java,v
08/27/2003  01:32p                641 Makefile,v
10/06/2003  02:58p           8,459 Market.java,v
08/27/2003  01:32p           2,353 MarketState.java,v
10/06/2003  02:58p           2,208 MarketStateMsg.java,v
6 File(s)              19,615 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\mktxs

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
08/27/2003  01:32p           5,583 ExecVenue.java,v
08/27/2003  01:32p                591 Makefile,v
08/27/2003  01:32p           2,855 OrderDest.java,v
3 File(s)              9,029 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\order

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/06/2003  02:57p      <DIR>      Attic
10/06/2003  02:57p           2,129 BMW.java,v
10/06/2003  02:57p           2,257 BuySell.java,v
10/06/2003  02:57p           2,427 CommissionType.java,v
10/30/2003  08:41a          27,827 CustOrder.java,v
10/13/2003  11:33a           4,765 CustOrderState.java,v
10/06/2003  02:57p           3,175 CustOrderUpdateType.java,v
08/27/2003  01:32p           2,245 Demand.java,v
10/06/2003  02:57p           1,946 DisplayInstr.java,v
08/27/2003  01:32p           2,173 DisplayStatus.java,v
10/16/2003  01:07p           4,934 ExecInstr.java,v
10/06/2003  02:57p           2,171 FirmCapacity.java,v
10/16/2003  01:07p          12,043 FirmOrder.java,v
10/16/2003  01:07p           3,425 FirmOrderState.java,v
10/06/2003  02:57p           1,822 FirmOrderUpdateType.java,v
10/06/2003  02:57p           2,208 HandlingInstr.java,v
10/06/2003  02:57p           1,447 Makefile,v
10/30/2003  10:56a          27,272 Order.java,v
10/23/2003  08:24a          10,549 OrderBook.java,v
08/27/2003  01:32p           3,623 OrderState.java,v
08/27/2003  01:32p           3,196 OrderUpdateType.java,v
10/06/2003  02:57p           3,480 PriceInstr.java,v
10/06/2003  02:58p           1,645 PriceTick.java,v
10/06/2003  02:57p           2,066 QtyInstr.java,v

```

```

                                dir.txt
10/30/2003 10:56a                9,887 Quote.java,v
08/27/2003 01:32p                2,325 ReferencePrice.java,v
08/27/2003 01:32p                2,260 RefPriceScope.java,v
08/27/2003 01:32p                2,508 RefPriceType.java,v
10/06/2003 02:57p                2,369 SettlementInstr.java,v
10/30/2003 08:41a                2,729 TimeInstr.java,v
                                29 File(s)
                                150,903 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\order\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 02:57p                2,339 Demand.java,v
10/06/2003 02:57p                3,717 OrderState.java,v
10/06/2003 02:57p                3,290 OrderUpdateType.java,v
                                3 File(s)
                                9,346 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\product

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p                2,916 InstrumentType.java,v
08/27/2003 01:32p                650 Makefile,v
10/23/2003 08:25a                8,361 Product.java,v
08/27/2003 01:32p                5,967 ProductAtVenue.java,v
08/27/2003 01:32p                2,154 ProductState.java,v
                                5 File(s)
                                20,048 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\program

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p                568 Makefile,v
08/27/2003 01:32p                5,288 Program.java,v
                                2 File(s)
                                5,856 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\quote

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 03:03p      <DIR>      Attic
08/27/2003 01:32p                1,186 Ask.java,v
08/27/2003 01:32p                2,415 Bbo.java,v
08/27/2003 01:32p                2,446 BestBidOffer.java,v
08/27/2003 01:32p                1,190 Bid.java,v
08/27/2003 01:32p                3,003 BidAsk.java,v
08/27/2003 01:32p                3,087 BidOffer.java,v
08/27/2003 01:32p                4,907 LastSale.java,v
08/27/2003 01:32p                804 Makefile,v
08/27/2003 01:32p                4,598 MarketByPrice.java,v
08/27/2003 01:32p                2,759 MMBid.java,v
08/27/2003 01:32p                2,091 MMBidOffer.java,v
08/27/2003 01:32p                2,795 MMOffer.java,v
08/27/2003 01:32p                2,078 MMQuote.java,v
08/27/2003 01:32p                1,543 MMType.java,v
08/27/2003 01:32p                1,200 Offer.java,v
08/27/2003 01:32p                1,778 PriceTick.java,v
08/27/2003 01:32p                2,804 Quote.java,v
                                17 File(s)
                                40,684 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\quote\Attic

```

01/01/1601 12:00a      <DIR>      .

```

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
10/06/2003 03:03p      <DIR>      ..
10/06/2003 03:03p      1,255 Ask.java,v
10/06/2003 03:03p      2,484 Bbo.java,v
10/06/2003 03:03p      2,515 BestBidOffer.java,v
10/06/2003 03:03p      1,259 Bid.java,v
10/06/2003 03:03p      3,072 BidAsk.java,v
10/06/2003 03:03p      3,156 BidOffer.java,v
10/06/2003 03:03p      4,976 LastSale.java,v
10/06/2003 03:03p      873 Makefile,v
10/06/2003 03:03p      4,667 MarketByPrice.java,v
10/06/2003 03:03p      2,828 MMBid.java,v
10/06/2003 03:03p      2,160 MMBidOffer.java,v
10/06/2003 03:03p      2,864 MMOffer.java,v
10/06/2003 03:03p      2,147 MMQuote.java,v
10/06/2003 03:03p      1,606 MMType.java,v
10/06/2003 03:03p      1,269 Offer.java,v
10/06/2003 03:03p      1,847 PriceTick.java,v
10/06/2003 03:03p      2,873 Quote.java,v
                                17 File(s)
                                41,851 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\refdata

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p      568 Makefile,v
10/06/2003 02:59p      6,741 RefData.java,v
                                2 File(s)
                                7,309 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\rules

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p      2,967 BusinessRule.java,v
08/27/2003 01:32p      5,726 CommissionRule.java,v
10/06/2003 02:59p      4,678 ExecOption.java,v
08/27/2003 01:32p      1,837 ExecQtyType.java,v
10/16/2003 01:07p      1,071 Makefile,v
08/27/2003 01:32p      5,174 ManningRule.java,v
08/27/2003 01:32p      6,593 OrderDisplayRule.java,v
10/23/2003 08:25a      10,178 OrderEntryRule.java,v
10/06/2003 02:59p      6,642 PositionLimitRule.java,v
08/27/2003 01:32p      7,938 PricingRule.java,v
08/27/2003 01:32p      3,270 ReportingRule.java,v
08/29/2003 11:24a      10,387 RulesCache.java,v
08/27/2003 01:32p      2,934 RulesKey.java,v
10/16/2003 01:07p      3,612 RuleType.java,v
08/27/2003 01:32p      2,811 ShortSellRule.java,v
10/13/2003 12:08p      1,521 t_rules.java,v
08/27/2003 01:32p      9,997 temp1,v
10/16/2003 01:47p      2,070 TradingEntityType.java,v
10/06/2003 02:59p      15,514 TradingRule.java,v
08/27/2003 01:32p      1,653 UptickBasis.java,v
                                20 File(s)
                                106,573 bytes

```

Directory of D:\cvs\ets\pinnacle\bizobj\trade

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 03:00p      1,722 BoughtSold.java,v
10/30/2003 08:41a      3,595 BuyerSeller.java,v
09/16/2003 04:01p      803 Makefile,v
08/27/2003 01:32p      974 PositionPnL.java,v
10/06/2003 03:00p      7,388 ProfitAndLoss.java,v

```

```

                                dir.txt
10/30/2003 08:42a                36,789 Trade.java,v
10/06/2003 03:00p                3,651 TradeConditions.java,v
10/06/2003 03:00p                3,531 TradeState.java,v
10/06/2003 03:00p                4,345 TradeUpdateType.java,v
                                9 File(s)
                                62,798 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\trader

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
08/27/2003 01:32p                615 Makefile,v
08/27/2003 01:32p                4,849 Trader.java,v
08/27/2003 01:32p                2,459 TraderLevel.java,v
08/27/2003 01:32p                1,479 TraderType.java,v
                                4 File(s)
                                9,402 bytes

```

## Directory of D:\cvs\ets\pinnacle\bizobj\trdent

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
08/27/2003 01:32p                573 Makefile,v
10/16/2003 01:07p                7,677 TradingEntity.java,v
                                2 File(s)
                                8,250 bytes

```

## Directory of D:\cvs\ets\pinnacle\custint

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/16/2003 01:08p                396 custint.cfg,v
10/23/2003 08:27a                1,889 CustomerInterface.java,v
10/16/2003 01:08p                514 fix_session,v
10/23/2003 08:27a                9,043 FromCustomer.java,v
10/16/2003 01:08p                402 logger.cfg,v
10/16/2003 01:08p                513 Makefile,v
10/16/2003 01:08p                15,309 QuickFixFieldMapper.java,v
10/16/2003 01:08p                6,217 QuickFixMapper.java,v
10/16/2003 01:08p                5,939 ToCustomer.java,v
10/23/2003 08:27a                6,273 ToPinnacle.java,v
                                10 File(s)
                                46,495 bytes

```

## Directory of D:\cvs\ets\pinnacle\db

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/31/2003 04:01p                <DIR>      defaults
10/31/2003 04:01p                <DIR>      dump
10/31/2003 04:01p                <DIR>      schema
10/31/2003 04:01p                <DIR>      sproc
                                0 File(s)
                                0 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\defaults

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/16/2003 01:07p                6,757 fill_ref_account.sql,v
10/16/2003 01:07p                1,384 fill_ref_calendar.sql,v
10/16/2003 01:07p                2,495 fill_ref_customer.sql,v
10/16/2003 01:07p                1,142 fill_ref_exchange.sql,v
10/16/2003 01:07p                1,340 fill_ref_exec_venue.sql,v
10/16/2003 01:07p                1,748 fill_ref_firm.sql,v
10/16/2003 01:07p                1,861 fill_ref_market.sql,v
10/16/2003 01:07p                1,016 fill_ref_order_dest.sql,v
10/16/2003 01:07p                4,077 fill_ref_product.sql,v

```

```

                                dir.txt
10/16/2003 01:07p                8,548 fill_ref_trader.sql,v
10/16/2003 01:07p                1,711 fill_rule_commission.sql,v
10/23/2003 08:27a                9,223 fill_rule_key.sql,v
10/16/2003 01:07p                1,353 fill_rule_manning.sql,v
10/16/2003 01:07p                1,453 fill_rule_order_display.sql,v
10/23/2003 08:27a                1,945 fill_rule_order_entry.sql,v
10/16/2003 01:07p                1,208 fill_rule_pos_limit.sql,v
10/16/2003 01:07p                1,351 fill_rule_pricing.sql,v
10/16/2003 01:07p                1,170 fill_rule_reporting.sql,v
10/16/2003 01:07p                1,080 fill_rule_short_sell.sql,v
10/16/2003 01:07p                1,541 fill_rule_trading.sql,v
                                20 File(s)
                                52,403 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\dump

```

01/01/1601 12:00a                <DIR>                .
01/01/1601 12:00a                <DIR>                ..
10/13/2003 11:41a                2,279 db_table_to_class_map,v
10/23/2003 08:28a                6,050 DBDump.java,v
10/13/2003 11:41a                2,184 DBDumpAccount.java,v
10/13/2003 11:41a                2,224 DBDumpCalendar.java,v
10/13/2003 11:41a                2,234 DBDumpCommissionRule.java,v
10/13/2003 11:41a                2,909 DBDumpCustomer.java,v
10/13/2003 11:41a                3,691 DBDumpEntity.java,v
10/13/2003 11:41a                2,327 DBDumpMarket.java,v
10/13/2003 11:41a                2,211 DBDumpPosLimitRule.java,v
10/13/2003 11:41a                2,475 DBDumpPricingRule.java,v
10/13/2003 11:41a                2,193 DBDumpProduct.java,v
10/23/2003 08:28a                2,682 DBDumpRuleKey.java,v
10/13/2003 11:41a                1,258 DBDumpSubEntity.java,v
10/13/2003 11:41a                2,501 DBDumpTradingRule.java,v
10/16/2003 01:07p                510 dump.cfg,v
10/13/2003 11:41a                395 logger.cfg,v
10/13/2003 11:41a                706 Makefile,v
                                17 File(s)
                                38,829 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\schema

```

01/01/1601 12:00a                <DIR>                .
01/01/1601 12:00a                <DIR>                ..
10/31/2003 04:01p                <DIR>                indexes
10/31/2003 04:01p                <DIR>                tables
10/31/2003 04:01p                <DIR>                types
                                0 File(s)
                                0 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\schema\indexes

```

01/01/1601 12:00a                <DIR>                .
01/01/1601 12:00a                <DIR>                ..
10/13/2003 11:41a                1,583 create_all_indexes.bash,v
10/13/2003 11:41a                689 create_idx_data_order.sql,v
10/13/2003 11:41a                397 create_idx_data_quote.sql,v
10/13/2003 11:41a                430 create_idx_data_trade.sql,v
10/13/2003 11:41a                396 create_idx_ref_account.sql,v
10/13/2003 11:41a                420 create_idx_ref_acct_access.sql,v
10/13/2003 11:41a                401 create_idx_ref_calendar.sql,v
10/13/2003 11:41a                408 create_idx_ref_cust_acct.sql,v
10/13/2003 11:41a                431 create_idx_ref_cust_coverage.sql,v
10/13/2003 11:41a                672 create_idx_ref_cust_id_map.sql,v
10/13/2003 11:41a                401 create_idx_ref_customer.sql,v
10/13/2003 11:41a                401 create_idx_ref_exchange.sql,v
10/13/2003 11:41a                411 create_idx_ref_exec_venue.sql,v
10/13/2003 11:41a                381 create_idx_ref_firm.sql,v
                                Page 53

```

```

dir.txt
10/13/2003 11:41a 663 create_idx_ref_holiday_list.sql,v
10/13/2003 11:41a 391 create_idx_ref_market.sql,v
10/13/2003 11:41a 411 create_idx_ref_order_dest.sql,v
10/13/2003 11:41a 682 create_idx_ref_prod_id_map.sql,v
10/13/2003 11:41a 396 create_idx_ref_product.sql,v
10/13/2003 11:41a 700 create_idx_ref_product_at_venue.sql,v
10/13/2003 11:41a 391 create_idx_ref_trader.sql,v
10/13/2003 11:41a 687 create_idx_rule_autoex_size_ent.sql,v
10/13/2003 11:41a 416 create_idx_rule_commission.sql,v
10/13/2003 11:41a 692 create_idx_rule_commission_ent.sql,v
10/13/2003 11:41a 432 create_idx_rule_key.sql,v
10/13/2003 11:41a 401 create_idx_rule_manning.sql,v
10/13/2003 11:41a 413 create_idx_rule_order_display.sql,v
10/13/2003 11:41a 421 create_idx_rule_order_entry.sql,v
10/13/2003 11:41a 411 create_idx_rule_pos_limit.sql,v
10/13/2003 11:41a 667 create_idx_rule_pos_limit_ent.sql,v
10/13/2003 11:41a 401 create_idx_rule_pricing.sql,v
10/13/2003 11:41a 661 create_idx_rule_pricing_ent.sql,v
10/13/2003 11:41a 411 create_idx_rule_reporting.sql,v
10/13/2003 11:41a 416 create_idx_rule_short_sell.sql,v
10/13/2003 11:41a 401 create_idx_rule_trading.sql,v
35 File(s) 17,885 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\schema\tables

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> data
10/31/2003 04:01p <DIR> ref
10/31/2003 04:01p <DIR> rule
0 File(s) 0 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\schema\tables\data

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/27/2003 11:06a 2,213 create_all_tables.bash,v
10/30/2003 08:42a 3,137 create_tbl_data_cust_order.sql,v
10/27/2003 11:06a 1,923 create_tbl_data_firm_order.sql,v
10/27/2003 11:06a 1,461 create_tbl_data_pnl.sql,v
10/27/2003 11:06a 3,228 create_tbl_data_trade.sql,v
10/27/2003 11:06a 625 create_tbl_data_trd_montage.sql,v
6 File(s) 12,587 bytes

```

## Directory of D:\cvs\ets\pinnacle\db\schema\tables\ref

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 01:11p <DIR> Attic
10/13/2003 11:41a 2,206 create_all_tables.bash,v
10/16/2003 01:07p 1,173 create_tbl_ref_account.sql,v
10/16/2003 01:07p 778 create_tbl_ref_acct_access.sql,v
10/16/2003 01:07p 760 create_tbl_ref_calendar.sql,v
10/13/2003 11:41a 605 create_tbl_ref_cust_acct.sql,v
10/13/2003 11:41a 622 create_tbl_ref_cust_coverage.sql,v
10/13/2003 11:41a 682 create_tbl_ref_cust_id_map.sql,v
10/13/2003 11:41a 619 create_tbl_ref_cust_trd_acct.sql,v
10/16/2003 01:07p 1,149 create_tbl_ref_customer.sql,v
10/16/2003 01:07p 960 create_tbl_ref_exchange.sql,v
10/16/2003 01:07p 1,079 create_tbl_ref_exec_venue.sql,v
10/16/2003 01:07p 1,320 create_tbl_ref_firm.sql,v
10/13/2003 11:41a 598 create_tbl_ref_holiday_list.sql,v
10/16/2003 01:07p 1,110 create_tbl_ref_market.sql,v
Page 54

```



```

dir.txt
10/16/2003 01:11p      574 create_tbl_ref_market_mpv.sql,v
10/13/2003 11:41a      567 create_tbl_ref_mkt_mpv.sql,v
10/16/2003 01:07p      855 create_tbl_ref_order_dest.sql,v
10/13/2003 11:41a      555 create_tbl_ref_prod_id_map.sql,v
10/16/2003 01:07p    1,397 create_tbl_ref_product.sql,v
10/16/2003 01:07p    1,113 create_tbl_ref_product_at_venue.sql,v
10/16/2003 01:11p      562 create_tbl_ref_product_id_map.sql,v
10/16/2003 01:07p    1,257 create_tbl_ref_trader.sql,v
                22 File(s)          20,541 bytes

```

Directory of D:\cvs\ets\pinnacle\db\schema\tables\ref\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 01:11p      693 create_tbl_ref_mkt_mpv.sql,v
10/16/2003 01:11p      681 create_tbl_ref_prod_id_map.sql,v
                2 File(s)          1,374 bytes

```

Directory of D:\cvs\ets\pinnacle\db\schema\tables\rule

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/13/2003 11:41a    2,206 create_all_tables.bash,v
10/13/2003 11:41a      703 create_tbl_rule_autoex_size_ent.sql,v
10/16/2003 01:07p    1,042 create_tbl_rule_commission.sql,v
10/13/2003 11:41a      644 create_tbl_rule_commission_ent.sql,v
10/23/2003 08:29a      918 create_tbl_rule_key.sql,v
10/16/2003 01:07p    1,160 create_tbl_rule_manning.sql,v
10/16/2003 01:07p    1,235 create_tbl_rule_order_display.sql,v
10/23/2003 08:29a    1,600 create_tbl_rule_order_entry.sql,v
10/16/2003 01:07p    1,043 create_tbl_rule_pos_limit.sql,v
10/13/2003 11:41a      611 create_tbl_rule_pos_limit_ent.sql,v
10/16/2003 01:07p    1,138 create_tbl_rule_pricing.sql,v
10/13/2003 11:41a      634 create_tbl_rule_pricing_ent.sql,v
10/16/2003 01:07p    1,027 create_tbl_rule_reporting.sql,v
10/16/2003 01:07p      955 create_tbl_rule_short_sell.sql,v
10/16/2003 01:07p    1,291 create_tbl_rule_trading.sql,v
                15 File(s)        16,207 bytes

```

Directory of D:\cvs\ets\pinnacle\db\schema\types

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 01:10p      <DIR>      Attic
10/13/2003 11:41a    1,591 create_all_types.bash,v
10/13/2003 11:41a      623 create_type_account_role.sql,v
10/13/2003 11:41a      617 create_type_account_type.sql,v
10/13/2003 11:41a      617 create_type_account_xs_type.sql,v
10/13/2003 11:41a      337 create_type_address.sql,v
10/13/2003 11:41a      609 create_type_bought_sold.sql,v
10/13/2003 11:41a      600 create_type_buy_sell.sql,v
10/13/2003 11:41a      609 create_type_capacity.sql,v
10/13/2003 11:41a      623 create_type_comm_type.sql,v
10/13/2003 11:41a      337 create_type_comment.sql,v
10/13/2003 11:41a      345 create_type_country_id.sql,v
10/13/2003 11:41a      348 create_type_currency_id.sql,v
10/13/2003 11:41a      909 create_type_cust_order_state.sql,v
10/13/2003 11:41a      809 create_type_cust_order_update_type.sql,v
10/13/2003 11:41a      597 create_type_cust_type.sql,v
10/13/2003 11:41a      336 create_type_date.sql,v
10/13/2003 11:41a      653 create_type_exec_instr.sql,v
10/13/2003 11:41a      674 create_type_exec_option.sql,v
10/13/2003 11:41a      661 create_type_exec_qty_unit.sql,v

```

```

dir.txt
10/13/2003 11:41a 688 create_type_exorder_state.sql,v
10/13/2003 11:41a 645 create_type_exorder_update.sql,v
10/16/2003 01:07p 1,402 create_type_firm_order_state.sql,v
10/13/2003 11:41a 727 create_type_firm_order_update_type.sql,v
10/13/2003 11:41a 356 create_type_generic_id.sql,v
10/13/2003 11:41a 331 create_type_instr.sql,v
10/13/2003 11:41a 696 create_type_instrument.sql,v
10/13/2003 11:41a 623 create_type_mkt_state.sql,v
10/13/2003 11:41a 339 create_type_name.sql,v
10/13/2003 11:41a 587 create_type_peg_type.sql,v
10/13/2003 11:41a 339 create_type_price.sql,v
10/13/2003 11:41a 652 create_type_product_state.sql,v
10/13/2003 11:41a 347 create_type_quantity.sql,v
10/13/2003 11:41a 334 create_type_reason.sql,v
10/13/2003 11:41a 348 create_type_ref_num.sql,v
10/13/2003 11:41a 621 create_type_ref_price.sql,v
10/16/2003 01:07p 905 create_type_ref_price_scope.sql,v
10/16/2003 01:07p 974 create_type_ref_price_type.sql,v
10/13/2003 11:41a 900 create_type_reflect_status.sql,v
10/13/2003 11:41a 346 create_type_reserved.sql,v
10/13/2003 11:41a 672 create_type_rule.sql,v
10/13/2003 11:41a 351 create_type_rule_ids.sql,v
10/13/2003 11:41a 558 create_type_switch.sql,v
10/13/2003 11:41a 549 create_type_tick.sql,v
10/13/2003 11:41a 334 create_type_time.sql,v
10/13/2003 11:41a 709 create_type_trade_state.sql,v
10/16/2003 01:07p 1,322 create_type_trade_update.sql,v
10/13/2003 11:41a 701 create_type_trader_level.sql,v
10/13/2003 11:41a 607 create_type_trader_type.sql,v
10/13/2003 11:41a 566 create_type_update.sql,v
10/13/2003 11:41a 616 create_type_uptick_basis.sql,v
10/13/2003 11:41a 348 create_type_version.sql,v
51 File(s) 31,388 bytes

```

Directory of D:\cvs\ets\pinnacle\db\schema\types\Attic

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 01:10p 713 create_type_peg_type.sql,v
10/16/2003 01:10p 747 create_type_ref_price.sql,v
2 File(s) 1,460 bytes

```

Directory of D:\cvs\ets\pinnacle\db\sproc

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> data
0 File(s) 0 bytes

```

Directory of D:\cvs\ets\pinnacle\db\sproc\data

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/27/2003 11:11a 1,465 create_all_sproc.bash,v
10/30/2003 08:43a 12,046 create_sp_cust_order.sql,v
10/27/2003 11:11a 6,789 create_sp_firm_order.sql,v
10/27/2003 11:11a 6,090 create_sp_pnl.sql,v
10/27/2003 11:11a 13,281 create_sp_trade.sql,v
10/27/2003 11:11a 758 create_sp_trd_montage.sql,v
6 File(s) 40,429 bytes

```

Directory of D:\cvs\ets\pinnacle\execengine

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/23/2003 08:29a      1,135 ExecAlgorithm.java,v
10/23/2003 08:29a      3,743 ExecAuto.java,v
10/23/2003 08:29a      6,369 ExecCross.java,v
10/23/2003 03:18p      1,528 ExecEngine.java,v
10/23/2003 08:29a      2,670 ExecExtern.java,v
10/23/2003 08:29a      4,442 ExecManning.java,v
10/23/2003 08:29a      1,834 ExecManual.java,v
10/23/2003 08:29a      2,988 ExecStreet.java,v
10/16/2003 01:08p      621 Makefile,v
10/23/2003 03:18p      1,762 MsgEnqueueer.java,v
10/23/2003 08:29a      2,733 MsgProcessor.java,v
10/23/2003 08:29a      19,899 OrderProcessor.java,v
                                12 File(s)
                                49,724 bytes

```

Directory of D:\cvs\ets\pinnacle\feedagents

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      lib
10/31/2003 04:01p      <DIR>      nasdaq
10/31/2003 04:01p      <DIR>      nqds
10/31/2003 04:01p      <DIR>      uqdf
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\ets\pinnacle\feedagents\lib

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/30/2003 12:22p      2,285 FeedAdapter.java,v
10/30/2003 12:22p      1,506 FeedPublisher.java,v
10/30/2003 12:22p      1,312 MsgBuffer.java,v
10/30/2003 12:22p      825 RecoverFeedData.java,v
                                4 File(s)
                                5,928 bytes

```

Directory of D:\cvs\ets\pinnacle\feedagents\nasdaq

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/30/2003 12:23p      1,290 ClosingQuoteRecapMsg.java,v
10/30/2003 12:23p      558 GeneralAdminMsg.java,v
10/30/2003 12:23p      4,708 NasdaqAdapter.java,v
10/30/2003 12:23p      7,575 NasdaqMsg.java,v
10/30/2003 12:23p      1,064 NasdaqPacket.java,v
10/30/2003 12:23p      653 TradingActionMsg.java,v
                                6 File(s)
                                15,848 bytes

```

Directory of D:\cvs\ets\pinnacle\feedagents\nqds

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/30/2003 12:23p      2,183 LongInsideAppendage.java,v
10/30/2003 12:23p      2,743 LongQuote.java,v
10/30/2003 12:23p      2,784 MktmkrLongQuote.java,v
10/30/2003 12:23p      2,571 MktmkrShortQuote.java,v
10/30/2003 12:23p      4,461 NQDSAdapter.java,v
10/30/2003 12:23p      1,501 NQDSFeed.java,v
10/30/2003 12:23p      2,074 ShortInsideAppendage.java,v
10/30/2003 12:23p      2,670 ShortQuote.java,v
                                8 File(s)
                                20,987 bytes

```

Directory of D:\cvs\ets\pinnacle\feedagents\uqdf

## dir.txt

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/30/2003 12:25p 1,756 LongInsideUQDFAppendage.java,v
10/30/2003 12:25p 3,160 LongUQDFQuote.java,v
10/30/2003 12:25p 1,991 ShortInsideUQDFAppendage.java,v
10/30/2003 12:25p 2,622 ShortUQDFQuote.java,v
10/30/2003 12:25p 3,061 UQDFAdapter.java,v
10/30/2003 12:25p 1,505 UQDFFeed.java,v
        6 File(s)      14,095 bytes

```

## Directory of D:\cvs\ets\pinnacle\isld

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/06/2003 03:10p 671 ClientHeartbeatMsg.java,v
10/06/2003 03:10p 753 DebugMsg.java,v
10/06/2003 03:10p 1,128 LoginAckMsg.java,v
10/06/2003 03:10p 851 LoginNackMsg.java,v
10/06/2003 03:10p 1,548 LoginReqMsg.java,v
10/06/2003 03:10p 653 LogoutReqMsg.java,v
10/06/2003 04:50p 552 Makefile,v
10/06/2003 03:10p 3,458 Packet.java,v
10/06/2003 03:10p 671 ServerHeartbeatMsg.java,v
        9 File(s)      10,285 bytes

```

## Directory of D:\cvs\ets\pinnacle\lib

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 12:09p <DIR> Attic
10/27/2003 11:03a 11,635 Application.java,v
09/16/2003 04:02p 237 AutoEx.java,v
10/06/2003 04:51p 1,182 CompareOrdersByTime.java,v
09/16/2003 04:02p 6,112 CrossOrders.java,v
10/06/2003 04:31p 3,353 ExecAlgorithm.java,v
10/06/2003 04:52p 3,525 ExecAuto.java,v
10/06/2003 04:52p 6,151 ExecCross.java,v
10/06/2003 04:52p 2,452 ExecExtern.java,v
10/06/2003 04:52p 4,224 ExecManning.java,v
10/06/2003 04:52p 1,578 ExecManual.java,v
10/06/2003 04:52p 2,770 ExecStreet.java,v
10/06/2003 04:31p 6,406 ExecUtil.java,v
10/16/2003 12:09p 1,547 Makefile,v
10/16/2003 12:09p 6,568 OMSOrder.java,v
10/06/2003 04:31p 3,430 OMSTrade.java,v
10/06/2003 04:31p 1,140 openHandler.java,v
10/06/2003 04:31p 2,661 OpeningStats.java,v
09/16/2003 04:02p 17,965 OrderBook.java,v
09/16/2003 04:02p 3,359 OrderFile.java,v
10/06/2003 04:31p 8,452 Preopen.java,v
10/06/2003 04:31p 1,291 StockOpen.java,v
09/16/2003 04:02p 2,228 Symbolsplit.java,v
09/16/2003 04:02p 2,978 TradeFile.java,v
        23 File(s)      101,244 bytes

```

## Directory of D:\cvs\ets\pinnacle\lib\Attic

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/06/2003 04:31p 363 AutoEx.java,v
10/06/2003 04:33p 6,238 CrossOrders.java,v
10/16/2003 12:09p 3,478 ExecAlgorithm.java,v

```

```

                                dir.txt
10/16/2003  12:09p                3,651 ExecAuto.java,v
10/16/2003  12:09p                6,277 ExecCross.java,v
10/16/2003  12:09p                2,578 ExecExtern.java,v
10/16/2003  12:09p                4,350 ExecManning.java,v
10/16/2003  12:09p                1,704 ExecManual.java,v
10/16/2003  12:09p                2,896 ExecStreet.java,v
10/06/2003  04:33p            18,091 OrderBook.java,v
10/06/2003  04:33p                3,485 OrderFile.java,v
10/06/2003  04:33p                3,104 TradeFile.java,v
                                12 File(s)
                                56,215 bytes

```

Directory of D:\cvs\ets\pinnacle\mktaccess

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:01p      <DIR>      arca
10/31/2003  04:01p      <DIR>      brut
10/31/2003  04:01p      <DIR>      inca
10/31/2003  04:01p      <DIR>      isld
10/31/2003  04:01p      <DIR>      lib
10/31/2003  04:01p      <DIR>      nasdaq
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\ets\pinnacle\mktaccess\arca

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\ets\pinnacle\mktaccess\brut

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\ets\pinnacle\mktaccess\inca

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
                                0 File(s)
                                0 bytes

```

Directory of D:\cvs\ets\pinnacle\mktaccess\isld

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/06/2003  11:42a                1,811 AppMsg.java,v
10/06/2003  03:27p                3,397 FromISLD.java,v
09/16/2003  03:58p                1,395 ISLD.java,v
09/16/2003  03:58p                700 Makefile,v
10/06/2003  03:27p            3,536 OrderAcceptedMsg.java,v
10/06/2003  11:42a            1,755 OrderCancelledMsg.java,v
10/06/2003  03:27p            2,320 OrderCancelMsg.java,v
10/06/2003  11:42a            2,995 OrderEntryMsg.java,v
10/06/2003  11:42a            2,238 OrderExecutedMsg.java,v
10/06/2003  11:42a            1,475 OrderRejectedMsg.java,v
09/16/2003  03:58p            2,644 OUCHAdapter.java,v
10/06/2003  11:42a            1,004 SysEventMsg.java,v
10/06/2003  03:27p            2,978 ToISLD.java,v
10/06/2003  11:42a            1,364 TradeBrokenMsg.java,v
09/16/2003  03:58p            1,087 TryISLD.java,v
                                15 File(s)
                                30,699 bytes

```

Directory of D:\cvs\ets\pinnacle\mktaccess\lib

## dir.txt

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/06/2003 03:23p <DIR> Attic
09/16/2003 03:58p 1,013 ExecutionVenueInterface.java,v
10/13/2003 11:33a 4,576 FIXAdapter.java,v
10/06/2003 03:28p 2,912 FIXClient.java,v
09/16/2003 03:58p 4,282 FIXMapper.java,v
10/06/2003 03:23p 8,593 FromFIX.java,v
10/06/2003 03:23p 623 Makefile,v
10/06/2003 03:28p 591 QHandler.java,v
10/06/2003 03:23p 4,884 t_fix.java,v
10/13/2003 11:33a 11,274 ToFIX.java,v
          9 File(s)      38,748 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktaccess\lib\Attic

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/06/2003 03:23p 1,139 ExecutionVenueInterface.java,v
          1 File(s)      1,139 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktaccess\nasdaq

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
          0 File(s)      0 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> arca
10/31/2003 04:01p <DIR> brut
10/31/2003 04:01p <DIR> inca
10/31/2003 04:01p <DIR> isld
10/31/2003 04:01p <DIR> lib
10/31/2003 04:01p <DIR> nasdaq
          0 File(s)      0 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata\arca

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/28/2003 05:32p 8,680 ARCAAdapter.java,v
10/30/2003 10:01a 983 ARCAFeed.java,v
10/07/2003 09:47a 667 HeartbeatMsg.java,v
10/07/2003 09:47a 840 LoginAckMsg.java,v
10/07/2003 09:47a 1,147 LoginNackMsg.java,v
10/07/2003 09:47a 1,137 LoginReqMsg.java,v
10/07/2003 09:47a 668 LogoffReqMsg.java,v
10/22/2003 10:08a 827 Makefile,v
10/07/2003 09:47a 3,554 Message.java,v
10/07/2003 09:47a 2,199 OrderAddMsg.java,v
10/22/2003 10:08a 1,964 OrderDelMsg.java,v
10/07/2003 09:47a 2,049 OrderModMsg.java,v
10/07/2003 09:47a 843 TestReqMsg.java,v
10/07/2003 09:47a 847 TestRespMsg.java,v
10/22/2003 10:08a 1,070 TryARCA.java,v
          15 File(s)      27,475 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata\brut

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/22/2003 10:08a      <DIR>      Attic
10/06/2003 03:19p      1,497 AppMsg.java,v
10/20/2003 09:42a      983 BRUTFeed.java,v
09/16/2003 04:00p      683 ClientHeartbeatMsg.java,v
10/06/2003 03:19p      1,050 DebugMsg.java,v
10/06/2003 03:19p      1,406 GoodbyeMsg.java,v
10/28/2003 05:32p      9,518 ITCHAdapter.java,v
10/06/2003 03:19p      1,272 LoginReqMsg.java,v
10/22/2003 10:08a      987 Makefile,v
10/20/2003 09:51a      2,446 MsgBuffer.java,v
10/06/2003 03:19p      2,085 NewOrderMsg.java,v
10/06/2003 03:19p      1,388 OrderModMsg.java,v
10/13/2003 11:33a      3,995 Packet.java,v
10/06/2003 03:19p      1,296 ServerHeartbeatMsg.java,v
10/06/2003 03:19p      1,292 SysEventMsg.java,v
10/13/2003 11:33a      1,146 TryBRUT.java,v
10/06/2003 03:19p      1,255 WelcomeMsg.java,v
                                16 File(s)
                                32,299 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\brut\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/22/2003 10:08a      2,572 MsgBuffer.java,v
                                1 File(s)
                                2,572 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\inca

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 04:53p      <DIR>      Attic
10/06/2003 03:19p      1,160 HeartbeatMsg.java,v
10/28/2003 05:32p      13,076 INCAAdapter.java,v
10/20/2003 09:41a      983 INCAFeed.java,v
09/16/2003 04:00p      1,238 LoginAckMsg.java,v
09/16/2003 04:00p      1,122 LoginNackMsg.java,v
10/06/2003 03:19p      1,493 LoginReqMsg.java,v
10/06/2003 03:19p      899 LogoffReqMsg.java,v
10/13/2003 11:33a      1,172 Makefile,v
10/06/2003 03:19p      4,055 Message.java,v
09/16/2003 04:00p      1,694 NewTradeMsg.java,v
10/06/2003 03:19p      3,383 OrderAddMsg.java,v
10/06/2003 03:19p      2,303 OrderDelMsg.java,v
10/06/2003 03:19p      3,672 OrderModMsg.java,v
10/06/2003 03:19p      1,323 PlaceholderMsg.java,v
10/06/2003 04:53p      1,253 SysEventMsg.java,v
10/06/2003 03:19p      887 TestReqMsg.java,v
10/06/2003 03:19p      1,023 TestRespMsg.java,v
10/06/2003 04:53p      1,692 TradeAddMsg.java,v
09/16/2003 04:00p      1,694 TradeCorMsg.java,v
09/16/2003 04:00p      1,398 TradeCxlMsg.java,v
10/06/2003 04:53p      1,396 TradeDelMsg.java,v
10/06/2003 04:53p      1,692 TradeModMsg.java,v
09/16/2003 04:00p      870 TryARCA.java,v
10/13/2003 11:33a      1,097 TryINCA.java,v
                                24 File(s)
                                50,575 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\inca\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..

```

```

dir.txt
10/06/2003 04:37p 1,820 NewTradeMsg.java,v
10/06/2003 04:37p 1,820 TradeCorMsg.java,v
10/06/2003 04:37p 1,524 TradeCxlMsg.java,v
10/06/2003 04:53p 996 TryARCA.java,v
4 File(s) 6,160 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata\isld

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/06/2003 03:19p <DIR> Attic
10/06/2003 03:19p 1,562 AppMsg.java,v
09/16/2003 04:00p 683 ClientHeartbeatMsg.java,v
09/16/2003 04:00p 769 DebugMsg.java,v
10/28/2003 05:32p 11,297 ITCHAdapter.java,v
09/16/2003 04:00p 951 LoginAckMsg.java,v
09/16/2003 04:00p 830 LoginNackMsg.java,v
09/16/2003 04:00p 1,268 LoginReqMsg.java,v
09/16/2003 04:00p 665 LogoutReqMsg.java,v
09/16/2003 04:00p 588 Makefile,v
10/06/2003 03:19p 1,855 NewOrderMsg.java,v
09/16/2003 04:00p 1,549 NewTradeMsg.java,v
10/06/2003 03:19p 1,296 OrderCancelledMsg.java,v
10/06/2003 03:19p 1,441 OrderExecutedMsg.java,v
09/16/2003 04:00p 2,497 Packet.java,v
09/16/2003 04:00p 683 ServerHeartbeatMsg.java,v
10/06/2003 03:19p 1,088 SysEventMsg.java,v
10/06/2003 03:19p 1,139 TradeCancelledMsg.java,v
10/22/2003 10:09a 1,070 TryISLD.java,v
18 File(s) 31,231 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata\isld\Attic

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/06/2003 03:19p 809 ClientHeartbeatMsg.java,v
10/06/2003 03:19p 895 DebugMsg.java,v
10/06/2003 03:19p 1,077 LoginAckMsg.java,v
10/06/2003 03:19p 956 LoginNackMsg.java,v
10/06/2003 03:19p 1,394 LoginReqMsg.java,v
10/06/2003 03:19p 791 LogoutReqMsg.java,v
10/06/2003 03:19p 2,623 Packet.java,v
10/06/2003 03:19p 809 ServerHeartbeatMsg.java,v
8 File(s) 9,354 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata\lib

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/30/2003 10:57a 2,001 ExchangeQuote.java,v
10/30/2003 10:57a 4,772 LastSale.java,v
10/30/2003 10:57a 938 Makefile,v
10/30/2003 10:57a 4,428 MarketByPrice.java,v
10/06/2003 03:19p 2,798 MDFAdapter.java,v
10/06/2003 03:19p 2,265 MDPublisher.java,v
10/22/2003 10:10a 2,445 MsgBuffer.java,v
10/06/2003 03:19p 1,380 RecoverMktData.java,v
8 File(s) 21,027 bytes

```

## Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..

```



```

                                dir.txt
10/31/2003 04:01p      <DIR>      nqds
10/31/2003 04:01p      <DIR>      omdf
10/31/2003 04:01p      <DIR>      sdp
10/31/2003 04:01p      <DIR>      uqdf
08/27/2003 01:32p      1,642 ClosingQuoteRecapMsg.java,v
08/27/2003 01:32p      931 GeneralAdminMsg.java,v
08/27/2003 01:32p      716 Makefile,v
10/30/2003 09:12a      5,856 NasdaqAdapter.java,v
08/27/2003 01:32p      5,277 NasdaqMsg.java,v
10/30/2003 09:12a      1,615 NasdaqPacket.java,v
08/27/2003 01:32p      1,039 TradingActionMsg.java,v
                                7 File(s)
                                17,076 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\nqds

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/16/2003 03:59p      3,710 LongInsideAppendage.java,v
09/16/2003 03:59p      4,889 LongQuote.java,v
08/27/2003 01:32p      716 Makefile,v
10/30/2003 09:12a      3,743 NQDSAdapter.java,v
10/30/2003 09:57a      2,715 NQDSFeed.java,v
09/16/2003 03:59p      3,642 ShortInsideAppendage.java,v
09/16/2003 03:59p      4,783 ShortQuote.java,v
                                7 File(s)
                                24,198 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\omdf

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/16/2003 03:59p      3,103 LongInsideAppendage.java,v
09/16/2003 03:59p      4,768 LongQuote.java,v
08/27/2003 01:32p      716 Makefile,v
10/30/2003 09:12a      3,742 OMDFAAdapter.java,v
10/30/2003 09:58a      2,715 OMDFFeed.java,v
09/16/2003 03:59p      3,021 ShortInsideAppendage.java,v
09/16/2003 03:59p      4,658 ShortQuote.java,v
                                7 File(s)
                                22,723 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\sdp

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/30/2003 10:59a      <DIR>      Attic
10/06/2003 03:19p      13,805 FullMktData.java,v
10/06/2003 03:19p      4,771 LastSale.java,v
10/06/2003 03:19p      4,427 MarketByPrice.java,v
10/06/2003 03:19p      1,886 MktDataSrvr.java,v
10/06/2003 03:19p      4,618 MktMkrQuotes.java,v
10/06/2003 03:19p      3,766 SdpMDFAAdapter.java,v
10/06/2003 03:19p      1,973 SdpMDPublisher.java,v
                                7 File(s)
                                35,246 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\sdp\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/30/2003 10:59a      4,884 LastSale.java,v
10/30/2003 10:59a      4,540 MarketByPrice.java,v
                                2 File(s)
                                9,424 bytes

```

Directory of D:\cvs\ets\pinnacle\mktdata\nasdaq\uqdf

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/16/2003 03:59p      3,355 LongNBBOAppendage.java,v
09/16/2003 03:59p      4,154 LongQuote.java,v
08/27/2003 01:32p      712 Makefile,v
08/27/2003 01:32p      652 publog.cfg,v
09/16/2003 03:59p      3,363 ShortNBBOAppendage.java,v
09/16/2003 03:59p      4,265 ShortQuote.java,v
08/27/2003 01:32p      643 uqdf.cfg,v
10/30/2003 09:12a      3,675 UQDFAdapter.java,v
10/30/2003 09:58a      2,703 UQDFFeed.java,v
          9 File(s)      23,522 bytes

```

## Directory of D:\cvs\ets\pinnacle\ordent

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/28/2003 05:23p      <DIR>      Attic
10/28/2003 03:39p      1,730 CustOrderCancel.java,v
10/28/2003 03:39p      5,159 CustOrderEntry.java,v
10/28/2003 03:39p      964 CustOrderUpdate.java,v
10/28/2003 05:24p      1,770 EcnOrderCancel.java,v
10/28/2003 05:31p      2,368 EcnOrderEntry.java,v
10/28/2003 05:23p      5,435 EntryBase.java,v
10/28/2003 05:23p      2,965 EntryEngine.java,v
10/28/2003 03:39p      1,868 EntryHandler.java,v
10/28/2003 03:39p      1,635 FirmOrderCancel.java,v
10/28/2003 03:39p      4,522 FirmOrderEntry.java,v
10/28/2003 05:23p      796 Makefile,v
10/28/2003 05:23p      527 OrdEnt.cfg,v
10/28/2003 03:39p      260 ordfile,v
10/28/2003 05:24p      3,136 QuoteEntry.java,v
10/28/2003 05:24p      247 t_book.cfg,v
10/28/2003 05:24p      1,965 t_book.java,v
10/28/2003 03:39p      1,602 TradeCancel.java,v
10/28/2003 03:39p      4,009 TradeEntry.java,v
          18 File(s)      40,958 bytes

```

## Directory of D:\cvs\ets\pinnacle\ordent\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/28/2003 05:23p      1,557 OrderCancel.java,v
10/28/2003 05:23p      1,557 OrderUpdate.java,v
          2 File(s)      3,114 bytes

```

## Directory of D:\cvs\ets\pinnacle\run

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/23/2003 08:34a      <DIR>      Attic
10/31/2003 04:01p      <DIR>      cfg
10/31/2003 04:01p      <DIR>      ref
10/31/2003 04:01p      <DIR>      rules
10/16/2003 01:22p      416 brut_exec.cfg,v
10/16/2003 01:22p      451 brut_feed.cfg,v
10/16/2003 01:22p      396 custint.cfg,v
10/16/2003 01:22p      479 fix_session,v
10/16/2003 01:09p      404 logger.cfg,v
10/16/2003 01:22p      337 t_fix.cfg,v
          6 File(s)      2,483 bytes

```

## Directory of D:\cvs\ets\pinnacle\run\Attic

## dir.txt

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/23/2003 08:34a 542 brut_exec.cfg,v
10/23/2003 08:34a 577 brut_feed.cfg,v
10/23/2003 08:33a 522 custint.cfg,v
10/23/2003 08:33a 605 fix_session,v
10/23/2003 08:33a 530 logger.cfg,v
10/23/2003 08:33a 463 t_fix.cfg,v
6 File(s) 3,239 bytes

```

## Directory of D:\cvs\ets\pinnacle\run\cfg

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/23/2003 08:34a 451 BRUTBook.cfg,v
10/23/2003 08:34a 416 BRUTExec.cfg,v
10/23/2003 08:32a 478 CustomerInterface.cfg,v
10/23/2003 08:32a 2,286 db_table_to_class_map,v
10/23/2003 08:32a 401 DBDump.cfg,v
10/23/2003 08:32a 438 ExecEngine.cfg,v
10/23/2003 08:32a 421 fix_session,v
10/23/2003 08:32a 124,686 FIX42.xml,v
10/23/2003 08:32a 402 OMSLogger.cfg,v
10/23/2003 08:32a 437 Sequencer.cfg,v
10 File(s) 130,416 bytes

```

## Directory of D:\cvs\ets\pinnacle\run\ref

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/21/2003 04:04p 1,665 tbl_ref_account,v
10/16/2003 01:09p 188 tbl_ref_account.memo,v
10/21/2003 04:04p 461 tbl_ref_calendar,v
10/16/2003 01:09p 188 tbl_ref_calendar.memo,v
10/21/2003 04:04p 619 tbl_ref_customer,v
10/16/2003 01:09p 188 tbl_ref_customer.memo,v
10/21/2003 04:04p 475 tbl_ref_exchange,v
10/16/2003 01:09p 188 tbl_ref_exchange.memo,v
10/21/2003 04:04p 479 tbl_ref_exec_venue,v
10/21/2003 04:04p 595 tbl_ref_firm,v
10/16/2003 01:09p 188 tbl_ref_firm.memo,v
10/21/2003 04:04p 573 tbl_ref_market,v
10/16/2003 01:09p 188 tbl_ref_market.memo,v
10/21/2003 04:04p 429 tbl_ref_order_dest,v
10/16/2003 01:09p 679 tbl_ref_product,v
10/21/2003 04:04p 188 tbl_ref_product.memo,v
10/16/2003 01:09p 527 tbl_ref_product_at_venue,v
10/21/2003 04:04p 188 tbl_ref_product_at_venue.memo,v
10/16/2003 01:09p 1,956 tbl_ref_trader,v
10/16/2003 01:09p 188 tbl_ref_trader.memo,v
20 File(s) 10,150 bytes

```

## Directory of D:\cvs\ets\pinnacle\run\rules

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/21/2003 04:04p 533 tbl_rule_commission,v
10/16/2003 01:09p 188 tbl_rule_commission.memo,v
10/21/2003 04:04p 1,421 tbl_rule_key,v
10/16/2003 01:09p 188 tbl_rule_key.memo,v
10/21/2003 04:04p 537 tbl_rule_manning,v
10/16/2003 01:09p 188 tbl_rule_manning.memo,v

```

```

dir.txt
10/21/2003 04:04p 547 tbl_rule_order_display,v
10/16/2003 01:09p 188 tbl_rule_order_display.memo,v
10/21/2003 04:04p 586 tbl_rule_order_entry,v
10/16/2003 01:09p 188 tbl_rule_order_entry.memo,v
10/21/2003 04:04p 529 tbl_rule_pos_limit,v
10/16/2003 01:09p 188 tbl_rule_pos_limit.memo,v
10/21/2003 04:04p 559 tbl_rule_pricing,v
10/16/2003 01:09p 188 tbl_rule_pricing.memo,v
10/21/2003 04:04p 465 tbl_rule_reporting,v
10/16/2003 01:09p 188 tbl_rule_reporting.memo,v
10/21/2003 04:04p 465 tbl_rule_short_sell,v
10/16/2003 01:09p 188 tbl_rule_short_sell.memo,v
10/21/2003 04:04p 567 tbl_rule_trading,v
10/16/2003 01:09p 188 tbl_rule_trading.memo,v
20 File(s) 8,089 bytes

```

## Directory of D:\cvs\ets\pinnacle\sdp

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:01p <DIR> mdsrvr
10/31/2003 04:01p <DIR> msgsrvr
10/31/2003 04:01p <DIR> txnsrvr
08/27/2003 01:32p 1,013 Makefile,v
08/27/2003 01:32p 2,747 Sdp.java,v
08/27/2003 01:32p 2,920 SdpAccess.java,v
08/27/2003 01:32p 1,593 SdpConnection.java,v
08/27/2003 01:32p 964 SdpHBeatEchoer.java,v
08/27/2003 01:32p 3,190 SdpHeartbeat.java,v
08/27/2003 01:32p 905 SdpLogoffReq.java,v
08/27/2003 01:32p 1,044 SdpLogoffResp.java,v
08/27/2003 01:32p 1,798 SdpLogonReq.java,v
08/27/2003 01:32p 1,836 SdpLogonResp.java,v
08/27/2003 01:32p 848 SdpMenuReq.java,v
08/27/2003 01:32p 1,330 SdpMenuResp.java,v
09/16/2003 04:01p 4,779 SdpMsg.java,v
08/27/2003 01:32p 732 SdpMsgHandler.java,v
08/27/2003 01:32p 1,290 SdpNackResp.java,v
08/27/2003 01:32p 1,808 SdpSigninReq.java,v
08/27/2003 01:32p 1,445 SdpSigninResp.java,v
08/27/2003 01:32p 1,204 SdpSignoutReq.java,v
08/27/2003 01:32p 1,273 SdpSignoutResp.java,v
10/23/2003 11:08a 2,818 SdpTransport.java,v
20 File(s) 35,537 bytes

```

## Directory of D:\cvs\ets\pinnacle\sdp\mdsrvr

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
08/27/2003 01:32p 617 Makefile,v
09/16/2003 04:01p 10,850 QuoteData.java,v
08/27/2003 01:32p 2,700 QuoteRegReq.java,v
08/27/2003 01:32p 822 QuoteRegResp.java,v
4 File(s) 14,989 bytes

```

## Directory of D:\cvs\ets\pinnacle\sdp\msgsrvr

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
08/27/2003 01:32p 2,272 ExecRegReq.java,v
08/27/2003 01:32p 1,258 ExecRegResp.java,v
08/27/2003 01:32p 645 Makefile,v
08/27/2003 01:32p 1,140 SumoExecAck.java,v
Page 66

```

10/06/2003 11:42a dir.txt  
 5 File(s) 3,252 SumoExecution.java,v  
 8,567 bytes

Directory of D:\cvs\ets\pinnacle\sdp\txnsrvr

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
08/29/2003	11:24a		1,079 Makefile,v
08/29/2003	11:24a		1,006 SumoOrderCancelReq.java,v
08/29/2003	11:24a		941 SumoOrderCancelResp.java,v
08/29/2003	11:24a		3,967 SumoOrderEntryReq.java,v
08/27/2003	01:32p		1,140 SumoOrderEntryResp.java,v
08/27/2003	01:32p		3,118 SumoQuoteUpdateReq.java,v
08/27/2003	01:32p		1,766 SumoQuoteUpdateResp.java,v
08/27/2003	01:32p		1,255 TxnSrvrDeRegReq.java,v
08/27/2003	01:32p		1,138 TxnSrvrDeRegResp.java,v
08/27/2003	01:32p		1,140 TxnSrvrErrorCodeReq.java,v
08/27/2003	01:32p		1,131 TxnSrvrErrorCodeResp.java,v
08/27/2003	01:32p		1,362 TxnSrvrMsgType.java,v
08/27/2003	01:32p		1,270 TxnSrvrRegReq.java,v
08/27/2003	01:32p		1,190 TxnSrvrRegResp.java,v
08/27/2003	01:32p		1,374 TxnSrvrReqHdr.java,v
08/27/2003	01:32p		1,596 TxnSrvrRespHdr.java,v
	16 File(s)		24,473 bytes

Directory of D:\cvs\ets\pinnacle\sequencer

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/23/2003	09:06a		1,424 Loggable.java,v
10/23/2003	09:06a		419 Makefile,v
10/23/2003	09:06a		1,827 SeqProcessor.java,v
10/23/2003	09:06a		1,229 Sequencer.java,v
	4 File(s)		4,899 bytes

Directory of D:\cvs\ets\pinnacle\test

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:15p	<DIR>	Attic
10/24/2003	02:07p		177 testfile.java,v
10/24/2003	01:52p		369 TestPublisher.cfg,v
10/24/2003	01:52p		3,468 TestPublisher.java,v
10/24/2003	01:52p		360 TestSubscriber.cfg,v
10/24/2003	01:52p		1,081 TestSubscriber.java,v
	5 File(s)		5,455 bytes

Directory of D:\cvs\ets\pinnacle\test\Attic

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/24/2003	02:15p		292 testfile.java,v
10/24/2003	02:12p		289 testfile2.java,v
	2 File(s)		581 bytes

Directory of D:\cvs\ets\slicer

01/01/1601	12:00a	<DIR>	.
01/01/1601	12:00a	<DIR>	..
10/06/2003	11:42a		77,644 debug_output,v
08/27/2003	01:32p		378 debug_output.lck,v
10/06/2003	11:42a		4,590 ExecListener.java,v
08/27/2003	01:32p		592 Logger.cfg,v

```

                                dir.txt
08/27/2003 01:32p                779 Makefile,v
08/27/2003 01:32p            2,386 PreOpenRiskMgmt.java,v
10/06/2003 11:42a        13,838 QuoteListener.java,v
10/06/2003 11:42a        6,846 QuoteUpdater.java,v
08/27/2003 01:32p            611 slicer.cfg,v
10/06/2003 11:42a        11,832 slicer.java,v
10/06/2003 11:42a            623 slicer_specs,v
08/27/2003 01:32p            378 slicer_specs.memo,v
08/29/2003 11:23a        6,927 slicerSpecs.java,v
08/27/2003 01:32p        4,488 SliceTableModel.java,v
08/27/2003 01:32p       21,037 SlicingApp.java,v
10/06/2003 11:42a        4,172 StartSlicer.java,v
10/06/2003 11:42a        4,195 StatusTable.java,v
                                17 File(s)
                                161,316 bytes

```

## Directory of D:\cvs\ets\sumosrvr

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/07/2003 10:10a      <DIR>      Attic
10/06/2003 04:46p            538 Consumer.java,v
11/03/2003 07:12a        4,616 ExecListener.java,v
10/22/2003 11:57a            691 Makefile,v
10/29/2003 08:52a       13,590 OrderSender.java,v
10/06/2003 04:46p        1,023 OUCHClient.java,v
10/06/2003 04:46p            620 OUCHMsgDumper.java,v
10/06/2003 04:46p        1,441 OUCHServer.java,v
10/06/2003 04:46p            694 Producer.java,v
10/22/2003 11:57a        4,486 RefNumMap.java,v
10/06/2003 04:46p        3,789 SumoServer.java,v
10/22/2003 11:57a        4,003 t_ouchclient.java,v
10/22/2003 11:57a            665 t_respReader.java,v
10/21/2003 09:58a            603 test_data,v
                                13 File(s)
                                36,759 bytes

```

## Directory of D:\cvs\ets\sumosrvr\Attic

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 04:47p        1,117 t_nb.java,v
10/06/2003 04:47p        2,573 t_ouchclient.java,v
10/06/2003 04:47p            563 t_queue.java,v
10/06/2003 04:47p        1,275 t_st.java,v
                                4 File(s)
                                5,528 bytes

```

## Directory of D:\cvs\ets\tools

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:01p      <DIR>      db
10/31/2003 04:01p      <DIR>      entity
10/31/2003 04:01p      <DIR>      ft
10/31/2003 04:01p      <DIR>      memfile
10/31/2003 04:01p      <DIR>      msg
10/31/2003 04:01p      <DIR>      net
10/31/2003 04:01p      <DIR>      sched
10/31/2003 04:01p      <DIR>      util
08/27/2003 01:32p        558 make.bash,v
                                1 File(s)
                                558 bytes

```

## Directory of D:\cvs\ets\tools\db

```

01/01/1601 12:00a      <DIR>      .

```

```

                                dir.txt
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p      782 build.xml,v
08/27/2003 01:32p      4,586 Database.java,v
08/27/2003 01:32p      694 DBCallback.java,v
08/27/2003 01:32p      574 Makefile,v
                                4 File(s)
                                6,636 bytes

```

## Directory of D:\cvs\ets\tools\entity

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/27/2003 09:02a      1,566 Attribute.java,v
10/27/2003 09:50a      7,796 Entity.java,v
10/27/2003 09:02a      11,213 EntityCollection.java,v
08/27/2003 01:32p      718 Makefile,v
10/30/2003 08:39a      1,835 NameValuePair.java,v
10/22/2003 06:43a      5,352 NVPParser.java,v
10/27/2003 09:02a      6,825 Parser.java,v
10/30/2003 08:39a      9,386 STRParser.java,v
10/30/2003 08:39a      4,093 Subject.java,v
                                9 File(s)
                                48,784 bytes

```

## Directory of D:\cvs\ets\tools\ft

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 02:48p      4,010 FTGroup.java,v
08/27/2003 01:32p      738 FTGroupInterface.java,v
08/27/2003 01:32p      938 FTMember.java,v
10/06/2003 02:48p      1,561 HBeatGenerator.java,v
08/27/2003 01:32p      1,090 HBeatHandler.java,v
08/27/2003 01:32p      2,463 Heartbeat.java,v
08/27/2003 01:32p      678 Makefile,v
                                7 File(s)
                                11,478 bytes

```

## Directory of D:\cvs\ets\tools\memfile

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/06/2003 04:54p      559 DefaultOnRecovery.java,v
10/06/2003 02:48p      9,382 FileBlock.java,v
08/27/2003 01:32p      1,892 FileCtrlBlock.java,v
08/27/2003 01:32p      3,622 FileRecord.java,v
08/27/2003 01:32p      1,589 Index.java,v
10/13/2003 11:33a      7,766 IndexedMemFile.java,v
10/06/2003 02:48p      863 Makefile,v
10/06/2003 02:48p      7,243 MemoryMappedFile.java,v
10/06/2003 02:48p      909 OnRecovery.java,v
08/27/2003 01:32p      1,979 RecordHeader.java,v
08/27/2003 01:32p      2,859 RecordTrailer.java,v
10/06/2003 04:54p      3,934 TestMemFile.java,v
                                12 File(s)
                                42,597 bytes

```

## Directory of D:\cvs\ets\tools\msg

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
08/27/2003 01:32p      690 Makefile,v
10/24/2003 01:15p      10,120 Message.java,v
10/27/2003 03:47p      3,246 Msglog.java,v
10/24/2003 01:15p      2,429 OnMsglogRecovery.java,v
08/27/2003 01:32p      1,278 SyncInfo.java,v
10/23/2003 03:53p      1,735 SyncInfoTree.java,v
                                Page 69

```

```

                                dir.txt
08/27/2003  01:32p                2,147 SyncMsg.java,v
08/27/2003  01:32p                1,621 TestMsg.java,v
                                8 File(s)
                                23,266 bytes

```

## Directory of D:\cvs\ets\tools\net

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/16/2003  01:48p                1,180 Makefile,v
08/27/2003  01:32p                1,032 McastTransport.java,v
10/23/2003  03:17p                2,890 NetworkToQueue.java,v
10/27/2003  03:47p                5,633 Publisher.java,v
10/22/2003  11:57a                3,561 Queue.java,v
10/06/2003  02:48p                1,330 QueueServer.java,v
10/06/2003  02:48p                2,263 QueueToNetwork.java,v
10/27/2003  03:55p                4,019 Recoverer.java,v
08/27/2003  01:32p                1,548 RvMsgHandler.java,v
09/16/2003  04:03p                3,857 RvTransport.java,v
10/24/2003  01:15p                8,720 Subscriber.java,v
08/27/2003  01:32p                710 SubscriberInterface.java,v
09/16/2003  04:03p                2,017 TCPListener.java,v
10/13/2003  11:33a                6,309 TCPTransport.java,v
10/24/2003  01:15p                1,415 Transport.java,v
10/24/2003  01:15p                7,992 UDPTransport.java,v
                                16 File(s)
                                54,476 bytes

```

## Directory of D:\cvs\ets\tools\sched

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
08/27/2003  01:32p                1,070 EventDispatcher.java,v
08/27/2003  01:32p                667 Makefile,v
08/27/2003  01:32p                445 sched.cfg,v
08/27/2003  01:32p                1,397 ScheduleListener.java,v
10/06/2003  02:48p                1,572 Scheduler.java,v
08/27/2003  01:32p                2,410 TimedEvent.java,v
08/27/2003  01:32p                1,032 TimedEventHandler.java,v
                                7 File(s)
                                8,593 bytes

```

## Directory of D:\cvs\ets\tools\util

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/06/2003  02:48p                2,677 DateTime.java,v
08/27/2003  01:32p                999 EnumValueSet.java,v
08/27/2003  01:32p                1,064 Formatters.java,v
08/27/2003  01:32p                1,761 LogFormatter.java,v
08/27/2003  01:32p                756 Makefile,v
08/27/2003  01:32p                1,465 OMSLogger.java,v
08/27/2003  01:32p                1,962 ProgProperties.java,v
08/29/2003  11:23a                1,737 StringToHashMap.java,v
08/27/2003  01:32p                1,173 StringToList.java,v
08/27/2003  01:32p                1,051 Timestamp.java,v
                                10 File(s)
                                14,645 bytes

```

## Directory of D:\cvs\prule

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/31/2003  04:08p      <DIR>      src
                                0 File(s)
                                0 bytes

```

## Directory of D:\cvs\prule\src



dir.txt

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:08p <DIR> com
0 File(s) 0 bytes

```

Directory of D:\cvs\prule\src\com

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:08p <DIR> crown
0 File(s) 0 bytes

```

Directory of D:\cvs\prule\src\com\crown

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:08p <DIR> pinnacle
0 File(s) 0 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:08p <DIR> common
10/31/2003 04:08p <DIR> data
10/31/2003 04:08p <DIR> gui
10/31/2003 04:08p <DIR> util
0 File(s) 0 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\common

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 07:56a 17,854 Constants.java,v
1 File(s) 17,854 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\data

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:08p <DIR> common
10/31/2003 04:08p <DIR> refs
10/31/2003 04:08p <DIR> rules
0 File(s) 0 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\data\common

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 07:46a 1,960 VersionInfo.java,v
1 File(s) 1,960 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\data\refs

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 07:46a 2,868 Account.java,v
10/16/2003 07:46a 2,182 AcctCust.java,v
10/16/2003 07:46a 3,234 CustCoverage.java,v
10/16/2003 07:46a 7,314 CustIDMapping.java,v
10/16/2003 07:46a 6,839 Customer.java,v
10/16/2003 07:46a 3,214 CustTradingAcct.java,v

```

```

                                dir.txt
10/16/2003 07:46a                624 IRefData.java,v
10/16/2003 07:46a            3,588 RefDataBase.java,v
10/16/2003 07:46a            5,794 RefDataCache.java,v
10/16/2003 07:46a            3,509 Trader.java,v
                                10 File(s)
                                39,166 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\data\rules

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 07:46a      4,692 AutoExSize.java,v
10/16/2003 07:46a      4,416 CommissionEnt.java,v
10/16/2003 07:46a      5,144 CommissionRuleData.java,v
10/16/2003 07:46a      996 DelvInstrs.java,v
10/16/2003 07:46a      996 ExecInstrs.java,v
10/16/2003 07:46a      986 ExecOpts.java,v
10/16/2003 07:46a      1,003 HandlInstrs.java,v
10/16/2003 07:46a      2,852 Instrs.java,v
10/16/2003 07:46a      622 IRule.java,v
10/16/2003 07:46a      657 IRuleData.java,v
10/16/2003 07:46a      901 PriceInstrs.java,v
10/16/2003 07:46a      893 QtyInstrs.java,v
10/16/2003 07:46a      3,665 RuleAssociation.java,v
10/16/2003 07:46a      2,459 RuleBearer.java,v
10/16/2003 07:46a      7,798 RuleDataCache.java,v
10/16/2003 07:46a      897 TimeInstrs.java,v
10/15/2003 02:48p      7,526 TradeRule.java,v
10/16/2003 07:46a      11,591 TradeRuleData.java,v
                                18 File(s)
                                58,094 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/31/2003 04:08p      <DIR>      common
10/31/2003 04:08p      <DIR>      interfaces
10/31/2003 04:08p      <DIR>      order
10/31/2003 04:08p      <DIR>      refs
10/31/2003 04:08p      <DIR>      rules
10/31/2003 04:08p      <DIR>      table
10/16/2003 07:46a      4,083 Configuration.java,v
10/16/2003 07:46a      5,082 PinnacleRuleMgr.java,v
                                2 File(s)
                                9,165 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui\common

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 07:46a      734 AEditPanel.java,v
10/16/2003 07:46a      2,700 ASwitchBoard.java,v
10/16/2003 07:46a      1,532 CrownCheckBox.java,v
10/16/2003 07:46a      2,949 CrownFloatField.java,v
10/16/2003 07:46a      2,975 CrownIntField.java,v
10/16/2003 07:46a      9,441 CrownTimeField.java,v
10/16/2003 07:46a      2,873 DetachableTabbedPane.java,v
10/16/2003 07:46a      1,393 GUIConstants.java,v
10/16/2003 07:46a      1,499 GUIUtil.java,v
10/16/2003 07:46a      1,600 TabablePanelFrame.java,v
10/16/2003 07:46a      4,927 ToggleCheckBoxListener.java,v
                                11 File(s)
                                32,623 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui\interfaces

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 07:46a      604 IDetachable.java,v
10/16/2003 07:46a      728 IRefDataChangeIssuer.java,v
10/16/2003 07:46a      735 IRefDataChangeListener.java,v
10/16/2003 07:46a      735 IRefLinkChangeListener.java,v
10/16/2003 07:46a      722 IRowSelectionIssuer.java,v
10/16/2003 07:46a      731 IRowSelectionListener.java,v
10/16/2003 07:46a      727 IRuleChangeListener.java,v
10/16/2003 07:46a      731 IRuleDataChangeIssuer.java,v
10/16/2003 07:46a      739 IRuleDataChangeListener.java,v
10/16/2003 07:46a      671 ITypeListener.java,v
10/16/2003 07:46a      1,321 TabablePanel.java,v
                                11 File(s)
                                8,444 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui\order

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 07:46a      1,056 OrderGUIConstants.java,v
10/16/2003 07:46a      1,710 OrderManagerPanel.java,v
                                2 File(s)
                                2,766 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui\refs

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 07:46a      24,914 AccountEditPanel.java,v
10/16/2003 07:46a      18,496 AccountProcessor.java,v
10/16/2003 07:46a      4,884 AccountsPanel.java,v
10/16/2003 07:46a      15,875 AccountTableModel.java,v
10/16/2003 07:46a      9,051 AcctCustLinkPanel.java,v
10/16/2003 07:46a      4,460 AcctCustsPanel.java,v
10/16/2003 07:46a      6,635 AcctCustTableModel.java,v
10/16/2003 07:46a      1,790 ARefEditPanel.java,v
10/16/2003 07:46a      37,587 CustomerEditPanel.java,v
10/16/2003 07:46a      31,249 CustomerProcessor.java,v
10/16/2003 07:46a      4,006 CustomersPanel.java,v
10/16/2003 07:46a      15,082 CustomerTableModel.java,v
10/15/2003 02:48p      722 IRefDataChangeIssuer.java,v
10/15/2003 02:48p      729 IRefDataChangeListener.java,v
10/15/2003 02:48p      729 IRefLinkChangeListener.java,v
10/16/2003 07:46a      3,055 RefEditSwitchBoard.java,v
10/16/2003 07:46a      6,226 RefManagerPanel.java,v
10/16/2003 07:46a      1,635 RefProcessors.java,v
10/16/2003 07:46a      1,680 RefsDisplaySwitchBoard.java,v
10/16/2003 07:46a      26,537 TraderEditPanel.java,v
10/16/2003 07:46a      12,715 TraderProcessor.java,v
10/16/2003 07:46a      3,953 TradersPanel.java,v
10/16/2003 07:46a      20,236 TraderTableModel.java,v
                                23 File(s)
                                252,246 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui\rules

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/16/2003 07:46a      6,467 AssociatedRulesPanel.java,v
10/15/2003 02:48p      2,148 AutoExSizeEditor.java,v
10/15/2003 02:48p      1,800 AutoExSizeRenderer.java,v
10/16/2003 07:46a      17,797 CommissionRuleDetailTableModel.java,v
10/16/2003 07:46a      31,279 CommissionRuleEditPanel.java,v
10/16/2003 07:46a      21,692 CommissionRuleProcessor.java,v
10/16/2003 07:46a      5,494 CommissionRulesPanel.java,v

```

```

dir.txt
10/16/2003 07:46a 14,345 CustRuleControlPanel.java,v
10/16/2003 07:46a 1,673 CustRulesSwitchBoard.java,v
10/15/2003 02:48p 722 IRuleChangeListener.java,v
10/15/2003 02:48p 726 IRuleDataChangeIssuer.java,v
10/15/2003 02:48p 734 IRuleDataChangeListener.java,v
10/16/2003 07:46a 3,979 OrderRule.java,v
10/16/2003 07:46a 3,589 OrderRuleEditPanel.java,v
10/16/2003 07:46a 2,306 OrderRulesPanel.java,v
10/16/2003 07:46a 10,359 OrderRuleTableModel.java,v
10/16/2003 07:46a 11,672 RuleAssocProcessor.java,v
10/16/2003 07:46a 2,327 RuleEditSwitchBoard.java,v
10/16/2003 07:46a 7,784 RuleManagerPanel.java,v
10/16/2003 07:46a 1,662 RuleProcessors.java,v
10/16/2003 07:46a 34,860 RuleTableModel.java,v
10/16/2003 07:46a 34,508 TradeRuleDetailTableModel.java,v
10/16/2003 07:46a 48,510 TradeRuleEditPanel.java,v
10/16/2003 07:46a 24,712 TradeRuleProcessor.java,v
10/16/2003 07:46a 5,681 TradeRulesPanel.java,v
10/15/2003 02:48p 33,881 TradeRuleTableModel.java,v
26 File(s) 330,707 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\gui\table

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 07:46a 7,488 ACrownTableSorter.java,v
10/16/2003 07:46a 872 Cols.java,v
10/16/2003 07:46a 585 ColumnInterface.java,v
10/16/2003 07:46a 2,014 CrownComboBoxEditor.java,v
10/16/2003 07:46a 1,813 CrownComboBoxRenderer.java,v
10/16/2003 07:46a 1,498 CrownDefaultTableSorter.java,v
10/16/2003 07:46a 2,877 CrownTable.java,v
10/16/2003 07:46a 15,625 CrownTableModel.java,v
10/16/2003 07:46a 1,490 CrownTHMouseListener.java,v
10/16/2003 07:46a 1,757 CrownTMDecorator.java,v
10 File(s) 36,019 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\util

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/31/2003 04:08p <DIR> db
10/16/2003 07:46a 3,838 PinnacleUtil.java,v
1 File(s) 3,838 bytes

```

Directory of D:\cvs\prule\src\com\crown\pinnacle\util\db

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/16/2003 07:46a 5,244 ConnectionMgr.java,v
10/16/2003 07:46a 3,184 DBConfiguration.java,v
10/16/2003 07:46a 3,152 DBUtil.java,v
10/16/2003 07:46a 607 IResultSetProcessor.java,v
10/16/2003 07:46a 601 IUpdateProcessor.java,v
10/16/2003 07:46a 717 NullSQLType.java,v
10/16/2003 07:46a 2,707 SQLExecutor.java,v
7 File(s) 16,212 bytes

```

Directory of D:\cvs\qfix

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
10/24/2003 02:03p <DIR> autom4te-2.53.cache
Page 74

```

```

10/24/2003 02:03p <DIR> dir.txt
10/24/2003 02:03p <DIR> bin
10/24/2003 02:03p <DIR> cfg
10/24/2003 02:03p <DIR> CPPTest
10/24/2003 02:03p <DIR> doc
10/24/2003 02:03p <DIR> examples
10/24/2003 02:03p <DIR> lib
10/24/2003 02:03p <DIR> spec
09/19/2003 10:44a <DIR> src
09/19/2003 10:44a <DIR> templates
09/19/2003 10:44a <DIR> test
09/19/2003 10:44a 703 .cvsignore,v
09/19/2003 10:44a 5,046 at_client.dsp,v
09/19/2003 10:44a 4,630 at_client.vcproj,v
09/19/2003 10:44a 5,152 at_server.dsp,v
09/19/2003 10:44a 4,650 at_server.vcproj,v
09/19/2003 10:44a 440 AUTHORS,v
09/19/2003 10:44a 2,563 autostyle.bat,v
09/19/2003 10:44a 554 bootstrap,v
09/19/2003 10:44a 703 build_java.bat,v
09/19/2003 10:44a 2,153 build_vc6.bat,v
09/19/2003 10:44a 971 build_vc7.bat,v
09/19/2003 10:44a 38,914 config.guess,v
09/19/2003 10:44a 3,098 config.h.in,v
09/19/2003 10:44a 28,626 config.sub,v
09/19/2003 10:44a 326,139 configure,v
09/19/2003 10:44a 8,246 configure.in,v
09/19/2003 10:44a 483 CONTRIBUTORS,v
09/19/2003 10:44a 12,544 depcomp,v
09/19/2003 10:44a 7,949 Doxyfile,v
09/19/2003 10:44a 477 INSTALL,v
09/19/2003 10:44a 6,004 install-sh,v
09/19/2003 10:44a 2,732 LICENSE.h,v
09/19/2003 10:44a 2,727 LICENSE.rb,v
09/19/2003 10:44a 2,751 LICENSE.xml,v
09/19/2003 10:44a 2,688 LICENSE.xsl,v
09/19/2003 10:44a 98,154 ltconfig,v
09/19/2003 10:44a 141,835 ltmain.sh,v
09/19/2003 10:44a 443 Makefile.am,v
09/19/2003 10:44a 14,490 Makefile.in,v
09/19/2003 10:44a 6,685 missing,v
09/19/2003 10:44a 1,132 mkinstall_dirs,v
09/19/2003 10:44a 13,070 NEWS,v
09/19/2003 10:44a 4,951 pt.dsp,v
09/19/2003 10:44a 4,503 pt.vcproj,v
09/19/2003 10:44a 2,064 quickfix.dsw,v
09/19/2003 10:44a 3,754 quickfix.sln,v
09/19/2003 10:44a 51,578 quickfix_lib.dsp,v
09/19/2003 10:44a 46,855 quickfix_lib.vcproj,v
09/19/2003 10:44a 423 stamp-h1,v
09/19/2003 10:44a 735 templategen.rb,v
09/19/2003 10:44a 622 testcasegen.sh,v
09/19/2003 10:44a 557 THANKS,v
09/19/2003 10:44a 8,442 ut.dsp,v
09/19/2003 10:44a 22,319 ut.vcproj,v
44 File(s) 893,555 bytes

```

## Directory of D:\cvs\qfix\CPPTest

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/19/2003 10:44a 410 .cvsignore,v
09/19/2003 10:44a 2,920 Exception.h,v
09/19/2003 10:44a 538 Makefile.am,v

```

```

                                dir.txt
09/19/2003 10:44a             6,668 Makefile.in,v
09/19/2003 10:44a             3,758 Test.h,v
09/19/2003 10:44a             1,642 TestCase.h,v
09/19/2003 10:44a             780 TestDisplay.h,v
09/19/2003 10:44a             2,416 TestStandardOutputDisplay.h,v
09/19/2003 10:44a             1,781 TestSuite.h,v
09/19/2003 10:44a             3,515 TestXMLFileOutputDisplay.h,v
                                10 File(s)
                                24,428 bytes

```

Directory of D:\cvs\qfix\autom4te-2.53.cache

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a             326,831 output.0,v
09/19/2003 10:44a             4,473 requests,v
09/19/2003 10:44a             20,898 traces.0,v
                                3 File(s)
                                352,202 bytes

```

Directory of D:\cvs\qfix\bin

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:03p      <DIR>      cfg
09/19/2003 10:44a             443 .cvsignore,v
09/19/2003 10:44a             413 Makefile.am,v
09/19/2003 10:44a            10,914 Makefile.in,v
09/19/2003 10:44a             538 run_banzai,v
09/19/2003 10:44a             510 run_banzai.bat,v
09/19/2003 10:44a             437 run_executor_cpp,v
09/19/2003 10:44a             430 run_executor_cpp.bat,v
09/19/2003 10:44a             436 run_executor_cpp_debug.bat,v
09/19/2003 10:44a             433 run_executor_csharp.bat,v
09/19/2003 10:44a             542 run_executor_java,v
09/19/2003 10:44a             515 run_executor_java.bat,v
09/19/2003 10:44a             441 run_ordermatch,v
09/19/2003 10:44a             430 run_ordermatch.bat,v
09/19/2003 10:44a             436 run_ordermatch_debug.bat,v
09/19/2003 10:44a             443 run_tradeclient,v
09/19/2003 10:44a             432 run_tradeclient.bat,v
09/19/2003 10:44a             438 run_tradeclient_debug.bat,v
                                17 File(s)
                                18,231 bytes

```

Directory of D:\cvs\qfix\bin\cfg

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a             408 .cvsignore,v
09/19/2003 10:44a             1,208 banzai.cfg,v
09/19/2003 10:44a             1,331 executor.cfg,v
09/19/2003 10:44a             418 Makefile.am,v
09/19/2003 10:44a             6,554 Makefile.in,v
09/19/2003 10:44a             706 ordermatch.cfg,v
09/19/2003 10:44a             647 tradeclient.cfg,v
                                7 File(s)
                                11,272 bytes

```

Directory of D:\cvs\qfix\cfg

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a             408 .cvsignore,v
09/19/2003 10:44a             755 arca_certification.cfg,v
09/19/2003 10:44a             418 Makefile.am,v
09/19/2003 10:44a            6,540 Makefile.in,v

```

```

                                dir.txt
09/19/2003  10:44a            820 openfix_certification.cfg,v
                                5 File(s)
                                8,941 bytes

```

## Directory of D:\cvs\qfix\doc

```

01/01/1601  12:00a            <DIR>      .
01/01/1601  12:00a            <DIR>      ..
10/24/2003  02:03p            <DIR>      html
09/19/2003  10:44a            410 .cvsignore,v
09/19/2003  10:44a            414 Makefile.am,v
09/19/2003  10:44a          10,915 Makefile.in,v
                                3 File(s)
                                11,739 bytes

```

## Directory of D:\cvs\qfix\doc\html

```

01/01/1601  12:00a            <DIR>      .
01/01/1601  12:00a            <DIR>      ..
10/24/2003  02:03p            <DIR>      csharp
10/24/2003  02:03p            <DIR>      images
10/24/2003  02:03p            <DIR>      java
09/19/2003  10:44a            696 .cvsignore,v
09/19/2003  10:44a          1,970 about.html,v
09/19/2003  10:44a          4,647 acceptance_tests.html,v
09/19/2003  10:44a          7,639 application.html,v
09/19/2003  10:44a         13,854 configuration.html,v
09/19/2003  10:44a          2,202 doxygen.css,v
09/19/2003  10:44a          1,586 examples.html,v
09/19/2003  10:44a          7,380 FAQ.html,v
09/19/2003  10:44a          1,586 header.html,v
09/19/2003  10:44a         15,229 install.html,v
09/19/2003  10:44a          3,007 installldox,v
09/19/2003  10:44a          2,881 license.html,v
09/19/2003  10:44a          414 Makefile.am,v
09/19/2003  10:44a          6,552 Makefile.in,v
09/19/2003  10:44a          7,709 project.html,v
09/19/2003  10:44a          1,623 quickfix.css,v
09/19/2003  10:44a          6,172 receiving_messages.html,v
09/19/2003  10:44a          3,224 repeating_groups.html,v
09/19/2003  10:44a          5,177 sending_messages.html,v
09/19/2003  10:44a           746 trailer.html,v
09/19/2003  10:44a          2,881 unit_tests.html,v
09/19/2003  10:44a          3,263 user_defined.html,v
09/19/2003  10:44a          3,517 xmlschema.html,v
                                23 File(s)
                                103,955 bytes

```

## Directory of D:\cvs\qfix\doc\html\csharp

```

01/01/1601  12:00a            <DIR>      .
01/01/1601  12:00a            <DIR>      ..
09/19/2003  10:44a          910 application_1.html,v
09/19/2003  10:44a         1,135 application_2.html,v
09/19/2003  10:44a          581 receiving_messages_1.html,v
09/19/2003  10:44a          624 receiving_messages_2.html,v
09/19/2003  10:44a          1,118 receiving_messages_3.html,v
09/19/2003  10:44a          546 receiving_messages_4.html,v
09/19/2003  10:44a          1,073 repeating_groups_1.html,v
09/19/2003  10:44a          1,095 repeating_groups_2.html,v
09/19/2003  10:44a           764 sending_messages_1.html,v
09/19/2003  10:44a          1,230 sending_messages_2.html,v
09/19/2003  10:44a           978 sending_messages_3.html,v
09/19/2003  10:44a           704 sending_messages_4.html,v
09/19/2003  10:44a           530 user_defined_1.html,v
09/19/2003  10:44a           758 user_defined_2.html,v

```

```

                                dir.txt
09/19/2003  10:44a             651 user_defined_3.html,v
                                12,697 bytes
                                15 File(s)

```

## Directory of D:\cvs\qfix\doc\html\images

```

01/01/1601  12:00a             <DIR>             .
01/01/1601  12:00a             <DIR>             ..
09/19/2003  10:44a             1,241 aboutButtonOut.gif,v
09/19/2003  10:44a             1,238 aboutButtonOver.gif,v
09/19/2003  10:44a             1,221 developersButtonOut.gif,v
09/19/2003  10:44a             1,218 developersButtonOver.gif,v
09/19/2003  10:44a             1,239 documentationButtonOut.gif,v
09/19/2003  10:44a             1,236 documentationButtonOver.gif,v
09/19/2003  10:44a             1,294 downloadButtonOut.gif,v
09/19/2003  10:44a             1,301 downloadButtonOver.gif,v
09/19/2003  10:44a             446 outsideBottom.gif,v
09/19/2003  10:44a             521 outsideBottomLeft.gif,v
09/19/2003  10:44a             524 outsideBottomRight.gif,v
09/19/2003  10:44a             451 outsideLeft.gif,v
09/19/2003  10:44a             444 outsideRight.gif,v
09/19/2003  10:44a             446 outsideTop.gif,v
09/19/2003  10:44a             521 outsideTopLeft.gif,v
09/19/2003  10:44a             519 outsideTopRight.gif,v
09/19/2003  10:44a             2,711 quickFIX.jpg,v
09/19/2003  10:44a             1,239 tagline.jpg,v
09/19/2003  10:44a             456 titleTabLeft.gif,v
09/19/2003  10:44a             479 titleTabRight.gif,v
09/19/2003  10:44a             446 titleTabTop.gif,v
                                21 File(s)
                                19,191 bytes

```

## Directory of D:\cvs\qfix\doc\html\java

```

01/01/1601  12:00a             <DIR>             .
01/01/1601  12:00a             <DIR>             ..
09/19/2003  10:44a             1,021 application_1.html,v
09/19/2003  10:44a             1,149 application_2.html,v
09/19/2003  10:44a             655 receiving_messages_1.html,v
09/19/2003  10:44a             728 receiving_messages_2.html,v
09/19/2003  10:44a             1,344 receiving_messages_3.html,v
09/19/2003  10:44a             590 receiving_messages_4.html,v
09/19/2003  10:44a             1,047 repeating_groups_1.html,v
09/19/2003  10:44a             1,046 repeating_groups_2.html,v
09/19/2003  10:44a             754 sending_messages_1.html,v
09/19/2003  10:44a             1,237 sending_messages_2.html,v
09/19/2003  10:44a             1,015 sending_messages_3.html,v
09/19/2003  10:44a             724 sending_messages_4.html,v
09/19/2003  10:44a             530 user_defined_1.html,v
09/19/2003  10:44a             842 user_defined_2.html,v
09/19/2003  10:44a             651 user_defined_3.html,v
                                15 File(s)
                                13,333 bytes

```

## Directory of D:\cvs\qfix\examples

```

01/01/1601  12:00a             <DIR>             .
01/01/1601  12:00a             <DIR>             ..
10/24/2003  02:03p             <DIR>             executor
10/24/2003  02:03p             <DIR>             ordermatch
10/24/2003  02:03p             <DIR>             tradeclient
10/24/2003  02:03p             <DIR>             tradeclientgui
09/19/2003  10:44a             514 .cvsignore,v
09/19/2003  10:44a             554 bootstrap,v
09/19/2003  10:44a             903 config.h.in,v
09/19/2003  10:44a             212,289 configure,v
                                Page 78

```



```

                                dir.txt
09/19/2003  10:44a             3,002 configure.in,v
09/19/2003  10:44a             1,611 examples.dsw,v
09/19/2003  10:44a             2,644 examples.sln,v
09/19/2003  10:44a             528 Makefile.am,v
09/19/2003  10:44a            11,975 Makefile.in,v
09/19/2003  10:44a             410 stamp-h.in,v
                                10 File(s)
                                234,430 bytes

```

Directory of D:\cvs\qfix\examples\executor

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:03p      <DIR>      C++
10/24/2003  02:03p      <DIR>      csharp
10/24/2003  02:03p      <DIR>      java
09/19/2003  10:44a             471 .cvsignore,v
09/19/2003  10:44a            5,068 executor_cpp.dsp,v
09/19/2003  10:44a             418 Makefile.am,v
09/19/2003  10:44a            9,435 Makefile.in,v
                                4 File(s)
                                15,392 bytes

```

Directory of D:\cvs\qfix\examples\executor\C++

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a             455 .cvsignore,v
09/19/2003  10:44a            8,466 Application.cpp,v
09/19/2003  10:44a            4,414 Application.h,v
09/19/2003  10:44a            3,817 executor.cpp,v
09/19/2003  10:44a            4,396 executor_cpp.vcproj,v
09/19/2003  10:44a             642 Makefile.am,v
09/19/2003  10:44a           10,706 Makefile.in,v
                                7 File(s)
                                32,896 bytes

```

Directory of D:\cvs\qfix\examples\executor\csharp

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a             414 .cvsignore,v
09/19/2003  10:44a            1,480 App.ico,v
09/19/2003  10:44a            9,176 Application.cs,v
09/19/2003  10:44a            2,806 AssemblyInfo.cs,v
09/19/2003  10:44a            3,646 Executor.cs,v
09/19/2003  10:44a            4,407 executor_csharp.csproj,v
                                6 File(s)
                                21,929 bytes

```

Directory of D:\cvs\qfix\examples\executor\java

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
10/24/2003  02:03p      <DIR>      src
09/19/2003  10:44a             415 .cvsignore,v
09/19/2003  10:44a             628 build.bat,v
09/19/2003  10:44a             695 build.sh,v
09/19/2003  10:44a            1,464 build.xml,v
09/19/2003  10:44a             468 Makefile.am,v
09/19/2003  10:44a            9,538 Makefile.in,v
                                6 File(s)
                                13,208 bytes

```

Directory of D:\cvs\qfix\examples\executor\java\src

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..

```

```

                                dir.txt
09/19/2003 10:44a                16,785 .Application.java.swp,v
09/19/2003 10:44a                408 .cvsignore,v
09/19/2003 10:44a                5,490 Application.java,v
09/19/2003 10:44a                3,967 Executor.java,v
09/19/2003 10:44a                419 Makefile.am,v
09/19/2003 10:44a                5,507 Makefile.in,v
                                6 File(s)
                                32,576 bytes

```

Directory of D:\cvs\qfix\examples\ordermatch

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:03p      <DIR>      test
09/19/2003 10:44a                473 .cvsignore,v
09/19/2003 10:44a                9,209 Application.cpp,v
09/19/2003 10:44a                5,358 Application.h,v
09/19/2003 10:44a                3,243 IDGenerator.h,v
09/19/2003 10:44a                754 Makefile.am,v
09/19/2003 10:44a            13,989 Makefile.in,v
09/19/2003 10:44a                5,660 Market.cpp,v
09/19/2003 10:44a                3,394 Market.h,v
09/19/2003 10:44a                5,481 Order.h,v
09/19/2003 10:44a                3,989 ordermatch.cpp,v
09/19/2003 10:44a                5,326 ordermatch.dsp,v
09/19/2003 10:44a            4,658 ordermatch.vcproj,v
09/19/2003 10:44a                4,506 OrderMatcher.h,v
                                13 File(s)
                                66,040 bytes

```

Directory of D:\cvs\qfix\examples\ordermatch\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                467 .cvsignore,v
09/19/2003 10:44a                632 Makefile.am,v
09/19/2003 10:44a            10,811 Makefile.in,v
09/19/2003 10:44a                5,662 Market.cpp,v
09/19/2003 10:44a                3,188 ordermatch_ut.cpp,v
09/19/2003 10:44a                5,145 ordermatch_ut.dsp,v
09/19/2003 10:44a            4,362 ordermatch_ut.vcproj,v
09/19/2003 10:44a            13,288 OrderMatcherTestCase.cpp,v
09/19/2003 10:44a            3,990 OrderMatcherTestCase.h,v
09/19/2003 10:44a                3,179 TestSuite.h,v
                                10 File(s)
                                50,724 bytes

```

Directory of D:\cvs\qfix\examples\tradeclient

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                460 .cvsignore,v
09/19/2003 10:44a            15,152 Application.cpp,v
09/19/2003 10:44a                5,409 Application.h,v
09/19/2003 10:44a                655 Makefile.am,v
09/19/2003 10:44a            10,753 Makefile.in,v
09/19/2003 10:44a                3,735 tradeclient.cpp,v
09/19/2003 10:44a                5,039 tradeclient.dsp,v
09/19/2003 10:44a            4,374 tradeclient.vcproj,v
                                8 File(s)
                                45,577 bytes

```

Directory of D:\cvs\qfix\examples\tradeclientgui

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
10/24/2003 02:03p      <DIR>      banzai
                                Page 80

```

```

                                dir.txt
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a                416 Makefile.am,v
09/19/2003 10:44a                9,451 Makefile.in,v
                                3 File(s)
                                10,277 bytes

```

Directory of D:\cvs\qfix\examples\tradeclientgui\banzai

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/24/2003 02:03p                <DIR>      src
10/24/2003 02:03p                <DIR>      test
09/19/2003 10:44a                415 .cvsignore,v
09/19/2003 10:44a                636 build.bat,v
09/19/2003 10:44a                695 build.sh,v
09/19/2003 10:44a                1,522 build.xml,v
09/19/2003 10:44a                498 Makefile.am,v
09/19/2003 10:44a                9,592 Makefile.in,v
09/19/2003 10:44a                600 test.bat,v
                                7 File(s)
                                13,958 bytes

```

Directory of D:\cvs\qfix\examples\tradeclientgui\banzai\src

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/24/2003 02:03p                <DIR>      org
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a                5,031 Banzai.java,v
09/19/2003 10:44a                433 Makefile.am,v
09/19/2003 10:44a                9,513 Makefile.in,v
                                4 File(s)
                                15,387 bytes

```

Directory of D:\cvs\qfix\examples\tradeclientgui\banzai\src\org

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/24/2003 02:03p                <DIR>      quickfix
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a                418 Makefile.am,v
09/19/2003 10:44a                9,516 Makefile.in,v
                                3 File(s)
                                10,344 bytes

```

Directory of D:\cvs\qfix\examples\tradeclientgui\banzai\src\org\quickfix

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/24/2003 02:03p                <DIR>      banzai
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a                416 Makefile.am,v
09/19/2003 10:44a                9,547 Makefile.in,v
                                3 File(s)
                                10,373 bytes

```

Directory of D:\cvs\qfix\examples\tradeclientgui\banzai\src\org\quickfix\banzai

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
10/24/2003 02:03p                <DIR>      ui
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a                20,094 BanzaiApplication.java,v
09/19/2003 10:44a                3,343 DoubleNumberTextField.java,v
09/19/2003 10:44a                3,986 Execution.java,v
09/19/2003 10:44a                5,542 ExecutionTableModel.java,v
09/19/2003 10:44a                3,172 IntegerNumberTextField.java,v
09/19/2003 10:44a                3,208 LogonEvent.java,v

```

```

                                dir.txt
09/19/2003 10:44a                432 Makefile.am,v
09/19/2003 10:44a            9,590 Makefile.in,v
09/19/2003 10:44a            6,754 Order.java,v
09/19/2003 10:44a            4,294 OrderSide.java,v
09/19/2003 10:44a            6,734 OrderTableModel.java,v
09/19/2003 10:44a            3,967 OrderTIF.java,v
09/19/2003 10:44a            3,952 OrderType.java,v
09/19/2003 10:44a            3,427 TwoWayMap.java,v
                                15 File(s)
                                78,905 bytes

```

Directory of D:\cvs\qfix\examples\tradedclientgui\banzai\src\org\quickfix\banzai\ui

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a            3,862 BanzaiFrame.java,v
09/19/2003 10:44a            6,637 BanzaiPanel.java,v
09/19/2003 10:44a            6,533 CancelReplacePanel.java,v
09/19/2003 10:44a            3,641 ExecutionPanel.java,v
09/19/2003 10:44a            3,683 ExecutionTable.java,v
09/19/2003 10:44a            419 Makefile.am,v
09/19/2003 10:44a            5,624 Makefile.in,v
09/19/2003 10:44a           12,314 OrderEntryPanel.java,v
09/19/2003 10:44a            3,852 OrderPanel.java,v
09/19/2003 10:44a            4,712 OrderTable.java,v
                                11 File(s)
                                51,687 bytes

```

Directory of D:\cvs\qfix\examples\tradedclientgui\banzai\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a           4,038 BanzaiTest.java,v
09/19/2003 10:44a            419 Makefile.am,v
09/19/2003 10:44a           5,534 Makefile.in,v
                                4 File(s)
                                10,401 bytes

```

Directory of D:\cvs\qfix\lib

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                460 .cvsignore,v
09/19/2003 10:44a           718,645 ant.jar,v
09/19/2003 10:44a           197,384 crimson.jar,v
09/19/2003 10:44a           33,827 jaxp.jar,v
09/19/2003 10:44a           118,288 junit.jar,v
09/19/2003 10:44a           170,120 log4j.jar,v
09/19/2003 10:44a           78,783 log4j-core.jar,v
09/19/2003 10:44a           655,985 optional.jar,v
                                8 File(s)
                                1,973,492 bytes

```

Directory of D:\cvs\qfix\spec

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                473 .cvsignore,v
09/19/2003 10:44a                402 blankline.txt,v
09/19/2003 10:44a                3,266 c_header.xml,v
09/19/2003 10:44a                4,273 FieldNumbers.xml,v
09/19/2003 10:44a                3,556 Fields.xml,v
09/19/2003 10:44a           384,482 fix-40.html,v
09/19/2003 10:44a           38,048 FIX40.xml,v
09/19/2003 10:44a           59,299 FIX41.xml,v
                                Page 82

```

```

09/19/2003 10:44a      dir.txt
09/19/2003 10:44a      682,496 fix-41-with_errata_19990630.html,v
09/19/2003 10:44a      125,043 FIX42.xml,v
09/19/2003 10:44a      2,042,915 fix-42-with_errata_20010501.html,v
09/19/2003 10:44a      209,108 FIX43.xml,v
09/19/2003 10:44a      14,280 FixLexer.l,v
09/19/2003 10:44a      455 generate.bat,v
09/19/2003 10:44a      1,091 generate_c++.bat,v
09/19/2003 10:44a      2,383 generate_java.bat,v
09/19/2003 10:44a      9,482 generate_java_fields.xml,v
09/19/2003 10:44a      14,211 generate_java_messages.xml,v
09/19/2003 10:44a      1,331 generate_net.bat,v
09/19/2003 10:44a      3,913 Groups.xml,v
09/19/2003 10:44a      3,950 java_Message.xml,v
09/19/2003 10:44a      5,301 java_MessageCracker.xml,v
09/19/2003 10:44a      3,792 java_MessageFactory.xml,v
09/19/2003 10:44a      68,312 lex.yy.c,v
09/19/2003 10:44a      439 Makefile.am,v
09/19/2003 10:44a      6,563 Makefile.in,v
09/19/2003 10:44a      4,795 MessageCracker.xml,v
09/19/2003 10:44a      9,046 Messages.xml,v
09/19/2003 10:44a      7,153 net_Fields.xml,v
09/19/2003 10:44a      5,344 net_MessageCracker.xml,v
09/19/2003 10:44a      3,841 net_MessageFactory.xml,v
09/19/2003 10:44a      9,063 net_Messages.xml,v
09/19/2003 10:44a      5,726 Values.xml,v
33 File(s)      3,733,832 bytes

```

## Directory of D:\cvs\qfix\src

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      <DIR>      .NET
09/19/2003 10:44a      <DIR>      C
09/19/2003 10:44a      <DIR>      C++
09/19/2003 10:44a      <DIR>      java
09/19/2003 10:44a      <DIR>      ruby
09/19/2003 10:44a      <DIR>      sql
09/19/2003 10:44a      460 .cvsignore,v
09/19/2003 10:44a      5,714 at_application.h,v
09/19/2003 10:44a      4,139 at_client.cpp,v
09/19/2003 10:44a      4,188 at_server.cpp,v
09/19/2003 10:44a      588 config_windows.h,v
09/19/2003 10:44a      4,543 getopt.c,v
09/19/2003 10:44a      579 getopt-repl.h,v
09/19/2003 10:44a      1,267 Makefile.am,v
09/19/2003 10:44a      15,958 Makefile.in,v
09/19/2003 10:44a      12,144 pt.cpp,v
09/19/2003 10:44a      690 stdafx.cpp,v
09/19/2003 10:44a      1,240 stdafx.h,v
09/19/2003 10:44a      6,631 TestSuite.h,v
09/19/2003 10:44a      3,428 ut.cpp,v
14 File(s)      61,569 bytes

```

## Directory of D:\cvs\qfix\src\.NET

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      425 .cvsignore,v
09/19/2003 10:44a      2,998 Acceptor.h,v
09/19/2003 10:44a      6,927 Application.h,v
09/19/2003 10:44a      2,723 AssemblyInfo.cpp,v
09/19/2003 10:44a      3,984 DefaultMessageFactory.h,v
09/19/2003 10:44a      4,818 DeprecatedFields.h,v

```

09/19/2003	10:44a	dir.txt	
09/19/2003	10:44a	3,822 Exceptions.h,v	
09/19/2003	10:44a	6,056 Field.h,v	
09/19/2003	10:44a	144,149 FieldNumbers.h,v	
09/19/2003	10:44a	440 Fields.cpp,v	
09/19/2003	10:44a	167,497 Fields.h,v	
09/19/2003	10:44a	441 FileLog.cpp,v	
09/19/2003	10:44a	4,630 FileLog.h,v	
09/19/2003	10:44a	450 FileMessageStore.cpp,v	
09/19/2003	10:44a	7,127 FileMessageStore.h,v	
09/19/2003	10:44a	8,729 FIX40_MessageCracker.h,v	
09/19/2003	10:44a	5,449 FIX40_MessageFactory.h,v	
09/19/2003	10:44a	29,053 FIX40_Messages.h,v	
09/19/2003	10:44a	9,043 FIX41_MessageCracker.h,v	
09/19/2003	10:44a	5,548 FIX41_MessageFactory.h,v	
09/19/2003	10:44a	38,144 FIX41_Messages.h,v	
09/19/2003	10:44a	12,628 FIX42_MessageCracker.h,v	
09/19/2003	10:44a	7,004 FIX42_MessageFactory.h,v	
09/19/2003	10:44a	83,072 FIX42_Messages.h,v	
09/19/2003	10:44a	18,360 FIX43_MessageCracker.h,v	
09/19/2003	10:44a	9,339 FIX43_MessageFactory.h,v	
09/19/2003	10:44a	231,033 FIX43_Messages.h,v	
09/19/2003	10:44a	7,601 Group.cpp,v	
09/19/2003	10:44a	5,754 Group.h,v	
09/19/2003	10:44a	3,003 Initiator.h,v	
09/19/2003	10:44a	3,530 Log.h,v	
09/19/2003	10:44a	3,430 LogFactory.h,v	
09/19/2003	10:44a	452 MemoryMessageStore.cpp,v	
09/19/2003	10:44a	6,443 MemoryMessageStore.h,v	
09/19/2003	10:44a	18,699 Message.cpp,v	
09/19/2003	10:44a	11,299 Message.h,v	
09/19/2003	10:44a	448 MessageCracker.cpp,v	
09/19/2003	10:44a	4,081 MessageCracker.h,v	
09/19/2003	10:44a	3,135 MessageFactory.h,v	
09/19/2003	10:44a	2,924 Messages.h,v	
09/19/2003	10:44a	446 MessageStore.cpp,v	
09/19/2003	10:44a	6,752 MessageStore.h,v	
09/19/2003	10:44a	453 MessageStoreFactory.cpp,v	
09/19/2003	10:44a	3,547 MessageStoreFactory.h,v	
09/19/2003	10:44a	442 MySQLLog.cpp,v	
09/19/2003	10:44a	4,772 MySQLLog.h,v	
09/19/2003	10:44a	451 MySQLMessageStore.cpp,v	
09/19/2003	10:44a	7,190 MySQLMessageStore.h,v	
09/19/2003	10:44a	3,713 quickfix_net.cpp,v	
09/19/2003	10:44a	3,076 quickfix_net.h,v	
09/19/2003	10:44a	1,303 quickfix_net.sln,v	
09/19/2003	10:44a	6,983 quickfix_net.vcproj,v	
09/19/2003	10:44a	1,554 ReadMe.txt,v	
09/19/2003	10:44a	443 ScreenLog.cpp,v	
09/19/2003	10:44a	4,370 ScreenLog.h,v	
09/19/2003	10:44a	4,761 Session.cpp,v	
09/19/2003	10:44a	3,761 Session.h,v	
09/19/2003	10:44a	4,478 SessionID.h,v	
09/19/2003	10:44a	3,902 SessionSettings.h,v	
09/19/2003	10:44a	5,231 SocketAcceptor.h,v	
09/19/2003	10:44a	5,246 SocketInitiator.h,v	
09/19/2003	10:44a	604 Stdafx.cpp,v	
09/19/2003	10:44a	739 Stdafx.h,v	
09/19/2003	10:44a	5,349 ThreadedSocketAcceptor.h,v	
09/19/2003	10:44a	5,366 ThreadedSocketInitiator.h,v	
	65 File(s)	969,620 bytes	

Directory of D:\cvs\qfix\src\C

```

                                dir.txt
01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                487 .cvsignore,v
09/19/2003 10:44a            3,428 fix_application.h,v
09/19/2003 10:44a            7,060 fix_filestore.cpp,v
09/19/2003 10:44a            4,270 fix_filestore.h,v
09/19/2003 10:44a            6,986 fix_memorystore.cpp,v
09/19/2003 10:44a            4,276 fix_memorystore.h,v
09/19/2003 10:44a            3,062 fix_message.h,v
09/19/2003 10:44a            3,975 fix_messagestore.h,v
09/19/2003 10:44a            3,072 fix_sessionid.h,v
09/19/2003 10:44a                587 Makefile.am,v
09/19/2003 10:44a           10,488 Makefile.in,v
09/19/2003 10:44a            4,194 quickfix_api.cpp,v
09/19/2003 10:44a            3,962 quickfix_api.dsp,v
09/19/2003 10:44a                947 quickfix_api.dsw,v
09/19/2003 10:44a            3,213 quickfix_api.h,v
                                15 File(s)
                                60,007 bytes

```

## Directory of D:\cvs\qfix\src\C++

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      <DIR>      test
09/19/2003 10:44a                452 .cvsignore,v
09/19/2003 10:44a            6,165 Acceptor.cpp,v
09/19/2003 10:44a            4,848 Acceptor.h,v
09/19/2003 10:44a            7,005 Application.h,v
09/19/2003 10:44a            2,818 Callstack.cpp,v
09/19/2003 10:44a            5,619 Callstack.h,v
09/19/2003 10:44a           35,207 ConfigLexer.cpp,v
09/19/2003 10:44a            3,199 ConfigLexer.h,v
09/19/2003 10:44a            1,114 ConfigLexer.ll,v
09/19/2003 10:44a                527 copy.sh,v
09/19/2003 10:44a            466 copyifnewer.sh,v
09/19/2003 10:44a            459 copyifnotexist.sh,v
09/19/2003 10:44a           17,084 DataDictionary.cpp,v
09/19/2003 10:44a           13,872 DataDictionary.h,v
09/19/2003 10:44a            3,134 DeprecatedFieldNumbers.h,v
09/19/2003 10:44a            3,154 DeprecatedFields.h,v
09/19/2003 10:44a            3,505 DeprecatedValues.h,v
09/19/2003 10:44a            5,682 Dictionary.cpp,v
09/19/2003 10:44a            4,523 Dictionary.h,v
09/19/2003 10:44a            3,902 DOMDocument.h,v
09/19/2003 10:44a            3,962 Event.h,v
09/19/2003 10:44a            7,156 Exceptions.h,v
09/19/2003 10:44a           17,966 Field.h,v
09/19/2003 10:44a           10,199 FieldConvertors.h,v
09/19/2003 10:44a            6,571 FieldMap.cpp,v
09/19/2003 10:44a            6,533 FieldMap.h,v
09/19/2003 10:44a           20,980 FieldNumbers.h,v
09/19/2003 10:44a           23,824 Fields.h,v
09/19/2003 10:44a            3,076 FieldTypes.cpp,v
09/19/2003 10:44a           12,490 FieldTypes.h,v
09/19/2003 10:44a            4,461 FileLog.cpp,v
09/19/2003 10:44a            4,500 FileLog.h,v
09/19/2003 10:44a           10,845 FileStore.cpp,v
09/19/2003 10:44a            5,796 FileStore.h,v
09/19/2003 10:44a            8,273 FIX40_MessageCracker.h,v
09/19/2003 10:44a           32,954 FIX40_Messages.h,v
09/19/2003 10:44a            8,503 FIX41_MessageCracker.h,v
09/19/2003 10:44a           44,035 FIX41_Messages.h,v
09/19/2003 10:44a           11,857 FIX42_MessageCracker.h,v
                                Page 85

```

09/19/2003	10:44a	dir.txt
09/19/2003	10:44a	94,786 FIX42_Messages.h,v
09/19/2003	10:44a	17,198 FIX43_MessageCracker.h,v
09/19/2003	10:44a	253,550 FIX43_Messages.h,v
09/19/2003	10:44a	2,016 FixLexer.l,v
09/19/2003	10:44a	6,297 FlexLexer.h,v
09/19/2003	10:44a	3,375 Group.cpp,v
09/19/2003	10:44a	3,811 Group.h,v
09/19/2003	10:44a	1,725 index.h,v
09/19/2003	10:44a	6,548 Initiator.cpp,v
09/19/2003	10:44a	5,235 Initiator.h,v
09/19/2003	10:44a	5,944 LIBXML_DOMDocument.cpp,v
09/19/2003	10:44a	3,899 LIBXML_DOMDocument.h,v
09/19/2003	10:44a	3,214 Log.cpp,v
09/19/2003	10:44a	5,357 Log.h,v
09/19/2003	10:44a	2,879 Makefile.am,v
09/19/2003	10:44a	21,905 Makefile.in,v
09/19/2003	10:44a	19,987 Makefile.my,v
09/19/2003	10:44a	19,993 Makefile.mysql,v
09/19/2003	10:44a	13,162 Message.cpp,v
09/19/2003	10:44a	8,429 Message.h,v
09/19/2003	10:44a	4,065 MessageCracker.h,v
09/19/2003	10:44a	2,983 Messages.h,v
09/19/2003	10:44a	4,751 MessageSorters.cpp,v
09/19/2003	10:44a	5,721 MessageSorters.h,v
09/19/2003	10:44a	7,888 MessageStore.cpp,v
09/19/2003	10:44a	7,476 MessageStore.h,v
09/19/2003	10:44a	7,082 MSXML_DOMDocument.cpp,v
09/19/2003	10:44a	4,031 MSXML_DOMDocument.h,v
09/19/2003	10:44a	4,414 Mutex.h,v
09/19/2003	10:44a	5,700 MySQLLog.cpp,v
09/19/2003	10:44a	5,030 MySQLLog.h,v
09/19/2003	10:44a	13,857 MySQLStore.cpp,v
09/19/2003	10:44a	14,271 MySQLStore.cpp.mysql,v
09/19/2003	10:44a	5,518 MySQLStore.h,v
09/19/2003	10:44a	5,288 Parser.cpp,v
09/19/2003	10:44a	3,852 Parser.h,v
09/19/2003	10:44a	3,543 Queue.h,v
09/19/2003	10:44a	35,092 Session.cpp,v
09/19/2003	10:44a	9,590 Session.h,v
09/19/2003	10:44a	5,591 SessionFactory.cpp,v
09/19/2003	10:44a	3,750 SessionFactory.h,v
09/19/2003	10:44a	5,479 SessionID.h,v
09/19/2003	10:44a	4,920 SessionSettings.cpp,v
09/19/2003	10:44a	5,602 SessionSettings.h,v
09/19/2003	10:44a	8,510 SessionState.h,v
09/19/2003	10:44a	4,100 Settings.cpp,v
09/19/2003	10:44a	3,326 Settings.h,v
09/19/2003	10:44a	6,188 SocketAcceptor.cpp,v
09/19/2003	10:44a	4,204 SocketAcceptor.h,v
09/19/2003	10:44a	5,049 SocketConnection.cpp,v
09/19/2003	10:44a	3,731 SocketConnection.h,v
09/19/2003	10:44a	4,988 SocketConnector.cpp,v
09/19/2003	10:44a	3,784 SocketConnector.h,v
09/19/2003	10:44a	7,346 SocketInitiator.cpp,v
09/19/2003	10:44a	4,371 SocketInitiator.h,v
09/19/2003	10:44a	6,294 SocketMonitor.cpp,v
09/19/2003	10:44a	4,155 SocketMonitor.h,v
09/19/2003	10:44a	5,052 SocketServer.cpp,v
09/19/2003	10:44a	3,865 SocketServer.h,v
09/19/2003	10:44a	690 stdafx.cpp,v
09/19/2003	10:44a	1,198 stdafx.h,v
09/19/2003	10:44a	7,661 strptime.c,v
09/19/2003	10:44a	484 strptime.h,v



```

                                dir.txt
09/19/2003 10:44a              4,330 SybInterface.h,v
09/19/2003 10:44a              6,010 ThreadedSocketAcceptor.cpp,v
09/19/2003 10:44a              4,253 ThreadedSocketAcceptor.h,v
09/19/2003 10:44a              7,296 ThreadedSocketConnection.cpp,v
09/19/2003 10:44a              3,935 ThreadedSocketConnection.h,v
09/19/2003 10:44a              8,108 ThreadedSocketInitiator.cpp,v
09/19/2003 10:44a              4,501 ThreadedSocketInitiator.h,v
09/19/2003 10:44a              9,403 Utility.cpp,v
09/19/2003 10:44a              4,576 Utility.h,v
09/19/2003 10:44a             60,125 values.h,v
                                112 File(s)          1,239,053 bytes

```

## Directory of D:\cvs\qfix\src\C++\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a              436 .cvsignore,v
09/19/2003 10:44a             16,795 .Makefile.swp,v
09/19/2003 10:44a              3,951 AcceptorTestCase.cpp,v
09/19/2003 10:44a              4,032 AcceptorTestCase.h,v
09/19/2003 10:44a             15,822 DataDictionaryTestCase.cpp,v
09/19/2003 10:44a             6,801 DataDictionaryTestCase.h,v
09/19/2003 10:44a             4,737 DictionaryTestCase.cpp,v
09/19/2003 10:44a             3,625 DictionaryTestCase.h,v
09/19/2003 10:44a             8,874 FieldConvertorsTestCase.cpp,v
09/19/2003 10:44a             5,553 FieldConvertorsTestCase.h,v
09/19/2003 10:44a             3,945 FileStoreFactoryTestCase.cpp,v
09/19/2003 10:44a             3,910 FileStoreFactoryTestCase.h,v
09/19/2003 10:44a             4,363 FileStoreTestCase.cpp,v
09/19/2003 10:44a             4,494 FileStoreTestCase.h,v
09/19/2003 10:44a             1,571 Makefile.am,v
09/19/2003 10:44a            14,943 Makefile.in,v
09/19/2003 10:44a             4,234 MemoryStoreTestCase.cpp,v
09/19/2003 10:44a             3,554 MemoryStoreTestCase.h,v
09/19/2003 10:44a            24,468 MessagesTestCase.cpp,v
09/19/2003 10:44a             6,035 MessagesTestCase.h,v
09/19/2003 10:44a             4,793 MessageStoreTestCase.cpp,v
09/19/2003 10:44a             3,824 MessageStoreTestCase.h,v
09/19/2003 10:44a             3,928 MySQLStoreTestCase.cpp,v
09/19/2003 10:44a             4,105 MySQLStoreTestCase.h,v
09/19/2003 10:44a             6,225 ParserTestCase.cpp,v
09/19/2003 10:44a             4,817 ParserTestCase.h,v
09/19/2003 10:44a             5,184 SessionIDTestCase.cpp,v
09/19/2003 10:44a             3,647 SessionIDTestCase.h,v
09/19/2003 10:44a             4,422 SessionSettingsTestCase.cpp,v
09/19/2003 10:44a             3,363 SessionSettingsTestCase.h,v
09/19/2003 10:44a            31,160 SessionTestCase.cpp,v
09/19/2003 10:44a            10,620 SessionTestCase.h,v
09/19/2003 10:44a             4,563 SettingsTestCase.cpp,v
09/19/2003 10:44a             3,275 SettingsTestCase.h,v
09/19/2003 10:44a             3,366 SocketConnectorTestCase.cpp,v
09/19/2003 10:44a             3,513 SocketConnectorTestCase.h,v
09/19/2003 10:44a             5,358 SocketServerTestCase.cpp,v
09/19/2003 10:44a             5,043 SocketServerTestCase.h,v
09/19/2003 10:44a             4,480 SocketUtilitiesTestCase.cpp,v
09/19/2003 10:44a             4,038 SocketUtilitiesTestCase.h,v
09/19/2003 10:44a             3,786 UtcTimeOnlyTestCase.cpp,v
09/19/2003 10:44a             3,340 UtcTimeOnlyTestCase.h,v
09/19/2003 10:44a             4,644 UtcTimeStampTestCase.cpp,v
09/19/2003 10:44a             3,728 UtcTimeStampTestCase.h,v
                                44 File(s)          277,365 bytes

```

## Directory of D:\cvs\qfix\src\java

## dir.txt

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/19/2003 10:44a <DIR> cfg
09/19/2003 10:44a <DIR> src
09/19/2003 10:44a <DIR> test
09/19/2003 10:44a 530 .cvsignore,v
09/19/2003 10:44a 624 build.bat,v
09/19/2003 10:44a 949 build.properties,v
09/19/2003 10:44a 691 build.sh,v
09/19/2003 10:44a 1,785 build.xml,v
09/19/2003 10:44a 4,741 Conversions.cpp,v
09/19/2003 10:44a 12,383 Conversions.h,v
09/19/2003 10:44a 8,312 JavaApplication.cpp,v
09/19/2003 10:44a 4,701 JavaApplication.h,v
09/19/2003 10:44a 3,935 JavaLog.cpp,v
09/19/2003 10:44a 3,241 JavaLog.h,v
09/19/2003 10:44a 3,548 JavaLogFactory.cpp,v
09/19/2003 10:44a 3,175 JavaLogFactory.h,v
09/19/2003 10:44a 15,014 JavaMessageStore.cpp,v
09/19/2003 10:44a 5,550 JavaMessageStore.h,v
09/19/2003 10:44a 3,700 JavaMessageStoreFactory.cpp,v
09/19/2003 10:44a 3,258 JavaMessageStoreFactory.h,v
09/19/2003 10:44a 8,152 JVM.cpp,v
09/19/2003 10:44a 5,980 JVM.h,v
09/19/2003 10:44a 754 log4j.properties,v
09/19/2003 10:44a 2,479 Makefile.am,v
09/19/2003 10:44a 21,706 Makefile.in,v
09/19/2003 10:44a 20,319 Makefile.my,v
09/19/2003 10:44a 20,035 Makefile.mysql,v
09/19/2003 10:44a 4,537 org_quickfix_FileLog.cpp,v
09/19/2003 10:44a 1,581 org_quickfix_FileLog.h,v
09/19/2003 10:44a 4,617 org_quickfix_FileLogFactory.cpp,v
09/19/2003 10:44a 1,299 org_quickfix_FileLogFactory.h,v
09/19/2003 10:44a 6,039 org_quickfix_FileStore.cpp,v
09/19/2003 10:44a 3,240 org_quickfix_FileStore.h,v
09/19/2003 10:44a 4,841 org_quickfix_FileStoreFactory.cpp,v
09/19/2003 10:44a 1,326 org_quickfix_FileStoreFactory.h,v
09/19/2003 10:44a 8,906 org_quickfix_Group.cpp,v
09/19/2003 10:44a 4,993 org_quickfix_Group.h,v
09/19/2003 10:44a 5,748 org_quickfix_MemoryStore.cpp,v
09/19/2003 10:44a 3,298 org_quickfix_MemoryStore.h,v
09/19/2003 10:44a 19,431 org_quickfix_Message.cpp,v
09/19/2003 10:44a 11,989 org_quickfix_Message.h,v
09/19/2003 10:44a 4,583 org_quickfix_MySQLLog.cpp,v
09/19/2003 10:44a 1,594 org_quickfix_MySQLLog.h,v
09/19/2003 10:44a 4,683 org_quickfix_MySQLLogFactory.cpp,v
09/19/2003 10:44a 1,308 org_quickfix_MySQLLogFactory.h,v
09/19/2003 10:44a 5,635 org_quickfix_MySQLStore.cpp,v
09/19/2003 10:44a 3,269 org_quickfix_MySQLStore.h,v
09/19/2003 10:44a 4,883 org_quickfix_MySQLStoreFactory.cpp,v
09/19/2003 10:44a 1,335 org_quickfix_MySQLStoreFactory.h,v
09/19/2003 10:44a 4,514 org_quickfix_ScreenLog.cpp,v
09/19/2003 10:44a 1,607 org_quickfix_ScreenLog.h,v
09/19/2003 10:44a 4,500 org_quickfix_ScreenLogFactory.cpp,v
09/19/2003 10:44a 1,353 org_quickfix_ScreenLogFactory.h,v
09/19/2003 10:44a 7,675 org_quickfix_Session.cpp,v
09/19/2003 10:44a 2,305 org_quickfix_Session.h,v
09/19/2003 10:44a 5,289 org_quickfix_SessionID.cpp,v
09/19/2003 10:44a 1,701 org_quickfix_SessionID.h,v
09/19/2003 10:44a 10,138 org_quickfix_SessionSettings.cpp,v
09/19/2003 10:44a 3,091 org_quickfix_SessionSettings.h,v
09/19/2003 10:44a 5,233 org_quickfix_SocketAcceptor.cpp,v

```

```

                                dir.txt
09/19/2003  10:44a          1,394 org_quickfix_SocketAcceptor.h,v
09/19/2003  10:44a          5,555 org_quickfix_SocketInitiator.cpp,v
09/19/2003  10:44a          1,405 org_quickfix_SocketInitiator.h,v
09/19/2003  10:44a          5,662 org_quickfix_ThreadedSocketAcceptor.cpp,v
09/19/2003  10:44a          1,482 org_quickfix_ThreadedSocketAcceptor.h,v
09/19/2003  10:44a          5,685 org_quickfix_ThreadedSocketInitiator.cpp,v
09/19/2003  10:44a          1,493 org_quickfix_ThreadedSocketInitiator.h,v
09/19/2003  10:44a          8,767 quickfix_jni.dsp,v
09/19/2003  10:44a           947 quickfix_jni.dsw,v
09/19/2003  10:44a          1,303 quickfix_jni.sln,v
09/19/2003  10:44a          8,303 quickfix_jni.vcproj,v
09/19/2003  10:44a           604 stdafx.cpp,v
09/19/2003  10:44a           604 stdafx.h,v
09/19/2003  10:44a           548 test.bat,v
                                71 File(s)          355,855 bytes

```

Directory of D:\cvs\qfix\src\java\cfg

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a          408 .cvsignore,v
09/19/2003  10:44a          634 at_client.cfg,v
09/19/2003  10:44a          578 at_server.cfg,v
09/19/2003  10:44a          418 Makefile.am,v
09/19/2003  10:44a          6,570 Makefile.in,v
                                5 File(s)          8,608 bytes

```

Directory of D:\cvs\qfix\src\java\src

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a      <DIR>      org
09/19/2003  10:44a          408 .cvsignore,v
09/19/2003  10:44a          413 Makefile.am,v
09/19/2003  10:44a          10,944 Makefile.in,v
                                3 File(s)          11,765 bytes

```

Directory of D:\cvs\qfix\src\java\src\org

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a      <DIR>      quickfix
09/19/2003  10:44a          408 .cvsignore,v
09/19/2003  10:44a          418 Makefile.am,v
09/19/2003  10:44a          10,963 Makefile.in,v
                                3 File(s)          11,789 bytes

```

Directory of D:\cvs\qfix\src\java\src\org\quickfix

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a      <DIR>      field
09/19/2003  10:44a      <DIR>      fix40
09/19/2003  10:44a      <DIR>      fix41
09/19/2003  10:44a      <DIR>      fix42
09/19/2003  10:44a      <DIR>      fix43
09/19/2003  10:44a          408 .cvsignore,v
09/19/2003  10:44a          2,901 Acceptor.java,v
09/19/2003  10:44a          3,784 Application.java,v
09/19/2003  10:44a          3,597 BooleanField.java,v
09/19/2003  10:44a          3,581 CharField.java,v
09/19/2003  10:44a          2,972 ConfigError.java,v
09/19/2003  10:44a          3,597 DateField.java,v
                                Page 89

```

```

                                dir.txt
09/19/2003 10:44a                3,885 DefaultMessageFactory.java,v
09/19/2003 10:44a                2,896 DoNotSend.java,v
09/19/2003 10:44a                3,575 DoubleField.java,v
09/19/2003 10:44a                3,665 Field.java,v
09/19/2003 10:44a                2,915 FieldConvertError.java,v
09/19/2003 10:44a                2,919 FieldMap.java,v
09/19/2003 10:44a                3,026 FieldNotFound.java,v
09/19/2003 10:44a                3,530 FileLog.java,v
09/19/2003 10:44a                3,223 FileLogFactory.java,v
09/19/2003 10:44a                5,348 FileStore.java,v
09/19/2003 10:44a                3,245 FileStoreFactory.java,v
09/19/2003 10:44a                8,516 Group.java,v
09/19/2003 10:44a                3,048 IncorrectDataFormat.java,v
09/19/2003 10:44a                3,042 IncorrectTagValue.java,v
09/19/2003 10:44a                2,902 Initiator.java,v
09/19/2003 10:44a                3,553 IntField.java,v
09/19/2003 10:44a                2,981 InvalidMessage.java,v
09/19/2003 10:44a                2,938 Log.java,v
09/19/2003 10:44a                2,873 LogFactory.java,v
09/19/2003 10:44a                459 Makefile.am,v
09/19/2003 10:44a                11,028 Makefile.in,v
09/19/2003 10:44a                5,266 MemoryStore.java,v
09/19/2003 10:44a                2,964 MemoryStoreFactory.java,v
09/19/2003 10:44a                20,460 Message.java,v
09/19/2003 10:44a                3,656 MessageCracker.java,v
09/19/2003 10:44a                2,894 MessageFactory.java,v
09/19/2003 10:44a                3,582 MessageStore.java,v
09/19/2003 10:44a                2,890 MessageStoreFactory.java,v
09/19/2003 10:44a                3,533 MySQLLog.java,v
09/19/2003 10:44a                3,225 MySQLLogFactory.java,v
09/19/2003 10:44a                5,377 MySQLStore.java,v
09/19/2003 10:44a                3,247 MySQLStoreFactory.java,v
09/19/2003 10:44a                2,900 RejectLogon.java,v
09/19/2003 10:44a                2,982 RuntimeError.java,v
09/19/2003 10:44a                3,536 ScreenLog.java,v
09/19/2003 10:44a                3,246 ScreenLogFactory.java,v
09/19/2003 10:44a                3,571 Session.java,v
09/19/2003 10:44a                4,269 SessionID.java,v
09/19/2003 10:44a                2,984 SessionNotFound.java,v
09/19/2003 10:44a                3,916 SessionSettings.java,v
09/19/2003 10:44a                4,450 SocketAcceptor.java,v
09/19/2003 10:44a                4,461 SocketInitiator.java,v
09/19/2003 10:44a                3,251 StringField.java,v
09/19/2003 10:44a                4,530 ThreadedSocketAcceptor.java,v
09/19/2003 10:44a                4,541 ThreadedSocketInitiator.java,v
09/19/2003 10:44a                2,922 UnsupportedMessageType.java,v
09/19/2003 10:44a                3,026 UtcDateField.java,v
09/19/2003 10:44a                3,038 UtcTimeOnlyField.java,v
09/19/2003 10:44a                3,040 UtcTimeStampField.java,v
                                56 File(s)                218,164 bytes

```

Directory of D:\cvs\qfix\src\java\src\org\quickfix\field

```

01/01/1601 12:00a    <DIR>          .
01/01/1601 12:00a    <DIR>          ..
09/19/2003 10:44a                408 .cvsignore,v
09/19/2003 10:44a                682 Account.java,v
09/19/2003 10:44a                1,163 AccountType.java,v
09/19/2003 10:44a                721 AccruedInterestAmt.java,v
09/19/2003 10:44a                724 AccruedInterestRate.java,v
09/19/2003 10:44a                802 Adjustment.java,v
09/19/2003 10:44a                676 AdvId.java,v
09/19/2003 10:44a                685 AdvRefID.java,v

```

09/19/2003	10:44a	dir.txt
09/19/2003	10:44a	829 AdvSide.java,v
09/19/2003	10:44a	821 AdvTransType.java,v
09/19/2003	10:44a	712 AffectedOrderID.java,v
09/19/2003	10:44a	739 AffectedSecondaryOrderID.java,v
09/19/2003	10:44a	865 AggregatedBook.java,v
09/19/2003	10:44a	700 AllocAccount.java,v
09/19/2003	10:44a	697 AllocAvgPx.java,v
09/19/2003	10:44a	822 AllocHandlInst.java,v
09/19/2003	10:44a	685 AllocID.java,v
09/19/2003	10:44a	700 AllocLinkID.java,v
09/19/2003	10:44a	778 AllocLinkType.java,v
09/19/2003	10:44a	706 AllocNetMoney.java,v
09/19/2003	10:44a	697 AllocPrice.java,v
09/19/2003	10:44a	688 AllocQty.java,v
09/19/2003	10:44a	1,083 AllocRejCode.java,v
09/19/2003	10:44a	697 AllocShares.java,v
09/19/2003	10:44a	850 AllocStatus.java,v
09/19/2003	10:44a	694 AllocText.java,v
09/19/2003	10:44a	971 AllocTransType.java,v
09/19/2003	10:44a	1,062 AllocType.java,v
09/19/2003	10:44a	700 AvgPrxPrecision.java,v
09/19/2003	10:44a	676 AvgPx.java,v
09/19/2003	10:44a	715 BasisFeatureDate.java,v
09/19/2003	10:44a	718 BasisFeaturePrice.java,v
09/19/2003	10:44a	1,410 BasisPxType.java,v
09/19/2003	10:44a	682 BeginSeqNo.java,v
09/19/2003	10:44a	694 BeginString.java,v
09/19/2003	10:44a	1,054 Benchmark.java,v
09/19/2003	10:44a	733 BenchmarkCurveCurrency.java,v
09/19/2003	10:44a	721 BenchmarkCurveName.java,v
09/19/2003	10:44a	724 BenchmarkCurvePoint.java,v
09/19/2003	10:44a	706 BidDescriptor.java,v
09/19/2003	10:44a	820 BidDescriptorType.java,v
09/19/2003	10:44a	715 BidForwardPoints.java,v
09/19/2003	10:44a	718 BidForwardPoints2.java,v
09/19/2003	10:44a	682 BidID.java,v
09/19/2003	10:44a	682 BidPx.java,v
09/19/2003	10:44a	795 BidRequestTransType.java,v
09/19/2003	10:44a	688 BidSize.java,v
09/19/2003	10:44a	700 BidSpotRate.java,v
09/19/2003	10:44a	824 BidType.java,v
09/19/2003	10:44a	691 BidYield.java,v
09/19/2003	10:44a	682 BodyLength.java,v
09/19/2003	10:44a	703 BookingRefID.java,v
09/19/2003	10:44a	694 BookingUnit.java,v
09/19/2003	10:44a	706 BrokerOfCredit.java,v
09/19/2003	10:44a	1,136 BusinessRejectReason.java,v
09/19/2003	10:44a	724 BusinessRejectRefID.java,v
09/19/2003	10:44a	694 BuyVolume.java,v
09/19/2003	10:44a	715 CancellationRights.java,v
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09/19/2003	10:44a	712 OutsideIndexPct.java,v
09/19/2003	10:44a	700 OwnershipType.java,v
09/19/2003	10:44a	1,303 OwnerType.java,v
09/19/2003	10:44a	688 PartyID.java,v
09/19/2003	10:44a	1,644 PartyIDSource.java,v
09/19/2003	10:44a	1,648 PartyRole.java,v
09/19/2003	10:44a	697 PartySubID.java,v
09/19/2003	10:44a	691 Password.java,v
09/19/2003	10:44a	700 PaymentDate.java,v
09/19/2003	10:44a	697 PaymentMethod.java,v
09/19/2003	10:44a	697 PaymentRef.java,v
09/19/2003	10:44a	718 PaymentRemitterID.java,v
09/19/2003	10:44a	706 PegDifference.java,v
09/19/2003	10:44a	700 PositionEffect.java,v
09/19/2003	10:44a	816 PossDupFlag.java,v
09/19/2003	10:44a	697 PossResend.java,v
09/19/2003	10:44a	703 PreallocMethod.java,v
09/19/2003	10:44a	700 PrevClosePx.java,v
09/19/2003	10:44a	864 PreviouslyReported.java,v
09/19/2003	10:44a	679 Price.java,v
09/19/2003	10:44a	685 Price2.java,v
09/19/2003	10:44a	715 PriceImprovement.java,v
09/19/2003	10:44a	1,031 PriceType.java,v
09/19/2003	10:44a	828 PriorityIndicator.java,v
09/19/2003	10:44a	1,013 ProcessCode.java,v
09/19/2003	10:44a	1,144 Product.java,v
09/19/2003	10:44a	712 ProgPeriodInterval.java,v
09/19/2003	10:44a	916 ProgRptReqs.java,v
09/19/2003	10:44a	754 PutOrCall.java,v

[illegible]

```

dir.txt
688 Quantity.java,v
1,001 QuantityType.java,v
700 QuoteAckStatus.java,v
703 QuoteCancelType.java,v
1,093 QuoteCondition.java,v
703 QuoteEntryID.java,v
1,145 QuoteEntryRejectReason.java,v
688 QuoteID.java,v
709 QuoteRejectReason.java,v
697 QuoteReqID.java,v
730 QuoteRequestRejectReason.java,v
783 QuoteRequestType.java,v
712 QuoteResponseLevel.java,v
697 QuoteSetID.java,v
743 QuoteSetValidUntilTime.java,v
1,182 QuoteStatus.java,v
715 QuoteStatusReqID.java,v
817 QuoteType.java,v
691 RatioQty.java,v
685 RawData.java,v
694 RawDataLength.java,v
709 RedemptionDate.java,v
694 RefAllocID.java,v
697 RefMsgType.java,v
682 RefSeqNum.java,v
682 RefTagID.java,v
709 RegistAcctType.java,v
700 RegistDetls.java,v
700 RegistEmail.java,v
691 RegistID.java,v
700 RegistRefID.java,v
715 RegistRejReasonCode.java,v
724 RegistRejReasonText.java,v
697 RegistStatus.java,v
824 RegistTransType.java,v
691 RelatdSym.java,v
736 RepoCollateralSecurityType.java,v
788 ReportToExch.java,v
709 RepurchaseRate.java,v
700 RepurchaseTerm.java,v
797 ResetSeqNumFlag.java,v
691 RFQReqID.java,v
712 RoundingDirection.java,v
712 RoundingModulus.java,v
691 RoundLot.java,v
694 RoutingID.java,v
857 RoutingType.java,v
673 RptSeq.java,v
2,222 Rule80A.java,v
803 Scope.java,v
927 SecDefStatus.java,v
715 SecondaryClOrdID.java,v
712 SecondaryExecID.java,v
715 SecondaryOrderID.java,v
694 SecureData.java,v
694 SecureDataLen.java,v
706 SecurityAltID.java,v
724 SecurityAltIDSource.java,v
703 SecurityDesc.java,v
715 SecurityExchange.java,v
694 SecurityID.java,v
1,456 SecurityIDSource.java,v
941 SecurityListRequestType.java,v

```

```

09/19/2003 10:44a 706 SecurityReqID.java,v
09/19/2003 10:44a 1,122 SecurityRequestResult.java,v
09/19/2003 10:44a 990 SecurityRequestType.java,v
09/19/2003 10:44a 721 SecurityResponseID.java,v
09/19/2003 10:44a 1,139 SecurityResponseType.java,v
09/19/2003 10:44a 745 SecuritySettlAgentAcctName.java,v
09/19/2003 10:44a 742 SecuritySettlAgentAcctNum.java,v
09/19/2003 10:44a 733 SecuritySettlAgentCode.java,v
09/19/2003 10:44a 754 SecuritySettlAgentContactName.java,v
09/19/2003 10:44a 757 SecuritySettlAgentContactPhone.java,v
09/19/2003 10:44a 733 SecuritySettlAgentName.java,v
09/19/2003 10:44a 724 SecurityStatusReqID.java,v
09/19/2003 10:44a 1,817 SecurityTradingStatus.java,v
09/19/2003 10:44a 5,271 SecurityType.java,v
09/19/2003 10:44a 688 SellerDays.java,v
09/19/2003 10:44a 697 SellVolume.java,v
09/19/2003 10:44a 700 SenderCompID.java,v
09/19/2003 10:44a 715 SenderLocationID.java,v
09/19/2003 10:44a 697 SenderSubID.java,v
09/19/2003 10:44a 697 SendingDate.java,v
09/19/2003 10:44a 707 SendingTime.java,v
09/19/2003 10:44a 1,740 SessionRejectReason.java,v
09/19/2003 10:44a 706 SettlBrkrCode.java,v
09/19/2003 10:44a 703 SettlCurrAmt.java,v
09/19/2003 10:44a 721 SettlCurrBidFxRate.java,v
09/19/2003 10:44a 706 SettlCurrency.java,v
09/19/2003 10:44a 712 SettlCurrFxRate.java,v
09/19/2003 10:44a 718 SettlCurrFxRateCalc.java,v
09/19/2003 10:44a 727 SettlCurrOfferFxRate.java,v
09/19/2003 10:44a 709 SettlDeliveryType.java,v
09/19/2003 10:44a 724 SettlDepositoryCode.java,v
09/19/2003 10:44a 706 SettlInstCode.java,v
09/19/2003 10:44a 700 SettlInstID.java,v
09/19/2003 10:44a 1,016 SettlInstMode.java,v
09/19/2003 10:44a 709 SettlInstRefID.java,v
09/19/2003 10:44a 861 SettlInstSource.java,v
09/19/2003 10:44a 833 SettlInstTransType.java,v
09/19/2003 10:44a 1,035 SettlLocation.java,v
09/19/2003 10:44a 1,162 SettlMntTyp.java,v
09/19/2003 10:44a 682 Shares.java,v
09/19/2003 10:44a 1,193 Side.java,v
09/19/2003 10:44a 715 SideComplianceID.java,v
09/19/2003 10:44a 697 SideValue1.java,v
09/19/2003 10:44a 697 SideValue2.java,v
09/19/2003 10:44a 777 SideValueInd.java,v
09/19/2003 10:44a 691 Signature.java,v
09/19/2003 10:44a 700 SignatureLength.java,v
09/19/2003 10:44a 816 SolicitedFlag.java,v
09/19/2003 10:44a 685 Spread.java,v
09/19/2003 10:44a 718 SpreadToBenchmark.java,v
09/19/2003 10:44a 706 StandInstDbID.java,v
09/19/2003 10:44a 712 StandInstDbName.java,v
09/19/2003 10:44a 870 StandInstDbType.java,v
09/19/2003 10:44a 733 StateOrProvinceOfIssue.java,v
09/19/2003 10:44a 712 StipulationType.java,v
09/19/2003 10:44a 715 StipulationValue.java,v
09/19/2003 10:44a 682 StopPx.java,v
09/19/2003 10:44a 700 StrikePrice.java,v
09/19/2003 10:44a 707 StrikeTime.java,v
09/19/2003 10:44a 688 Subject.java,v
09/19/2003 10:44a 906 SubscriptionRequestType.java,v
09/19/2003 10:44a 682 Symbol.java,v
09/19/2003 10:44a 691 SymbolSfx.java,v

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09/19/2003	10:44a	dir.txt
09/19/2003	10:44a	700 TargetCompID.java,v
09/19/2003	10:44a	715 TargetLocationID.java,v
09/19/2003	10:44a	697 TargetSubID.java,v
09/19/2003	10:44a	706 TaxAdvantageType.java,v
09/19/2003	10:44a	816 TestMessageIndicator.java,v
09/19/2003	10:44a	694 TestReqID.java,v
09/19/2003	10:44a	676 Text.java,v
09/19/2003	10:44a	884 TickDirection.java,v
09/19/2003	10:44a	1,071 TimeInForce.java,v
09/19/2003	10:44a	736 TotalAccruedInterestAmt.java,v
09/19/2003	10:44a	715 TotalAffectedOrders.java,v
09/19/2003	10:44a	712 TotalNumSecurities.java,v
09/19/2003	10:44a	721 TotalNumSecurityTypes.java,v
09/19/2003	10:44a	706 TotalTakedown.java,v
09/19/2003	10:44a	718 TotalVolumeTraded.java,v
09/19/2003	10:44a	730 TotalVolumeTradedDate.java,v
09/19/2003	10:44a	738 TotalVolumeTradedTime.java,v
09/19/2003	10:44a	688 TotNoOrders.java,v
09/19/2003	10:44a	694 TotNoStrikes.java,v
09/19/2003	10:44a	703 TotQuoteEntries.java,v
09/19/2003	10:44a	1,492 TradeCondition.java,v
09/19/2003	10:44a	691 TradeDate.java,v
09/19/2003	10:44a	718 TradedFlatSwitch.java,v
09/19/2003	10:44a	715 TradeInputDevice.java,v
09/19/2003	10:44a	715 TradeInputSource.java,v
09/19/2003	10:44a	727 TradeOriginationDate.java,v
09/19/2003	10:44a	706 TradeReportID.java,v
09/19/2003	10:44a	715 TradeReportRefID.java,v
09/19/2003	10:44a	839 TradeReportTransType.java,v
09/19/2003	10:44a	709 TradeRequestID.java,v
09/19/2003	10:44a	1,026 TradeRequestType.java,v
09/19/2003	10:44a	688 TradeType.java,v
09/19/2003	10:44a	715 TradingSessionID.java,v
09/19/2003	10:44a	724 TradingSessionSubID.java,v
09/19/2003	10:44a	725 TradSesCloseTime.java,v
09/19/2003	10:44a	719 TradSesEndTime.java,v
09/19/2003	10:44a	820 TradSesMethod.java,v
09/19/2003	10:44a	810 TradSesMode.java,v
09/19/2003	10:44a	722 TradSesOpenTime.java,v
09/19/2003	10:44a	734 TradSesPreCloseTime.java,v
09/19/2003	10:44a	703 TradSesReqID.java,v
09/19/2003	10:44a	725 TradSesStartTime.java,v
09/19/2003	10:44a	970 TradSesStatus.java,v
09/19/2003	10:44a	790 TradSesStatusRejReason.java,v
09/19/2003	10:44a	710 TransactTime.java,v
09/19/2003	10:44a	713 TransBkdTime.java,v
09/19/2003	10:44a	718 UnderlyingCFIcode.java,v
09/19/2003	10:44a	751 UnderlyingContractMultiplier.java,v
09/19/2003	10:44a	739 UnderlyingCountryOfIssue.java,v
09/19/2003	10:44a	748 UnderlyingCouponPaymentDate.java,v
09/19/2003	10:44a	727 UnderlyingCouponRate.java,v
09/19/2003	10:44a	733 UnderlyingCreditRating.java,v
09/19/2003	10:44a	721 UnderlyingCurrency.java,v
09/19/2003	10:44a	715 UnderlyingFactor.java,v
09/19/2003	10:44a	721 UnderlyingIDSource.java,v
09/19/2003	10:44a	736 UnderlyingInstrRegistry.java,v
09/19/2003	10:44a	724 UnderlyingIssueDate.java,v
09/19/2003	10:44a	715 UnderlyingIssuer.java,v
09/19/2003	10:44a	715 UnderlyingLastPx.java,v
09/19/2003	10:44a	718 UnderlyingLastQty.java,v
09/19/2003	10:44a	736 UnderlyingLocaleOfIssue.java,v
09/19/2003	10:44a	733 UnderlyingMaturityDate.java,v
09/19/2003	10:44a	730 UnderlyingMaturityDay.java,v

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09/19/2003 10:44a      dir.txt
09/19/2003 10:44a      748 UnderlyingMaturityMonthYear.java,v
09/19/2003 10:44a      727 UnderlyingOptAttribute.java,v
09/19/2003 10:44a      709 UnderlyingProduct.java,v
09/19/2003 10:44a      715 UnderlyingPutOrCall.java,v
09/19/2003 10:44a      739 UnderlyingRedemptionDate.java,v
09/19/2003 10:44a      766 UnderlyingRepoCollateralSecurityType.java,v
09/19/2003 10:44a      739 UnderlyingRepurchaseRate.java,v
09/19/2003 10:44a      730 UnderlyingRepurchaseTerm.java,v
09/19/2003 10:44a      736 UnderlyingSecurityAltID.java,v
09/19/2003 10:44a      754 UnderlyingSecurityAltIDSource.java,v
09/19/2003 10:44a      733 UnderlyingSecurityDesc.java,v
09/19/2003 10:44a      745 UnderlyingSecurityExchange.java,v
09/19/2003 10:44a      727 UnderlyingSecurityID.java,v
09/19/2003 10:44a      745 UnderlyingSecurityIDSource.java,v
09/19/2003 10:44a      733 UnderlyingSecurityType.java,v
09/19/2003 10:44a      763 UnderlyingStateOrProvinceOfIssue.java,v
09/19/2003 10:44a      730 UnderlyingStrikePrice.java,v
09/19/2003 10:44a      715 UnderlyingSymbol.java,v
09/19/2003 10:44a      724 UnderlyingSymbolSfx.java,v
09/19/2003 10:44a      892 UnsolicitedIndicator.java,v
09/19/2003 10:44a      802 Urgency.java,v
09/19/2003 10:44a      688 URLLink.java,v
09/19/2003 10:44a      691 Username.java,v
09/19/2003 10:44a      716 ValidUntilTime.java,v
09/19/2003 10:44a      709 ValueOfFutures.java,v
09/19/2003 10:44a      685 WaveNo.java,v
09/19/2003 10:44a      880 WorkingIndicator.java,v
09/19/2003 10:44a      721 WtAverageLiquidity.java,v
09/19/2003 10:44a      688 XmlData.java,v
09/19/2003 10:44a      688 XmlDataLen.java,v
09/19/2003 10:44a      682 Yield.java,v
09/19/2003 10:44a      2,963 YieldType.java,v
                                670 File(s)
                                531,138 bytes

```

Directory of D:\cvs\qfix\src\java\src\org\quickfix\fix40

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      408 .cvsignore,v
09/19/2003 10:44a      9,434 Advertisement.java,v
09/19/2003 10:44a      29,558 Allocation.java,v
09/19/2003 10:44a      5,508 AllocationACK.java,v
09/19/2003 10:44a      6,046 DontKnowTrade.java,v
09/19/2003 10:44a      6,009 Email.java,v
09/19/2003 10:44a      28,817 ExecutionReport.java,v
09/19/2003 10:44a      1,219 Heartbeat.java,v
09/19/2003 10:44a      11,832 IndicationofInterest.java,v
09/19/2003 10:44a      2,421 ListCancelRequest.java,v
09/19/2003 10:44a      2,403 ListExecute.java,v
09/19/2003 10:44a      6,020 ListStatus.java,v
09/19/2003 10:44a      2,421 ListStatusRequest.java,v
09/19/2003 10:44a      3,210 Logon.java,v
09/19/2003 10:44a      1,167 Logout.java,v
09/19/2003 10:44a      419 Makefile.am,v
09/19/2003 10:44a      6,627 Makefile.in,v
09/19/2003 10:44a      6,670 Message.java,v
09/19/2003 10:44a      9,734 MessageCracker.java,v
09/19/2003 10:44a      5,352 MessageFactory.java,v
09/19/2003 10:44a      23,333 NewOrderList.java,v
09/19/2003 10:44a      21,392 NewOrderSingle.java,v
09/19/2003 10:44a      4,743 News.java,v
09/19/2003 10:44a      4,780 OrderCancelReject.java,v
09/19/2003 10:44a      20,345 OrderCancelReplaceRequest.java,v

```

```

                                dir.txt
09/19/2003 10:44a              10,052 OrderCancelRequest.java,v
09/19/2003 10:44a              5,946 OrderStatusRequest.java,v
09/19/2003 10:44a              8,232 Quote.java,v
09/19/2003 10:44a              6,504 QuoteRequest.java,v
09/19/2003 10:44a              1,882 Reject.java,v
09/19/2003 10:44a              2,018 ResendRequest.java,v
09/19/2003 10:44a              1,955 SequenceReset.java,v
09/19/2003 10:44a              1,375 TestRequest.java,v
                                33 File(s)
                                257,832 bytes

```

Directory of D:\cvs\qfix\src\java\src\org\quickfix\fix41

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a              408 .cvsignore,v
09/19/2003 10:44a             15,311 Advertisement.java,v
09/19/2003 10:44a             41,993 Allocation.java,v
09/19/2003 10:44a              5,508 AllocationACK.java,v
09/19/2003 10:44a             13,488 DontKnowTrade.java,v
09/19/2003 10:44a             15,374 Email.java,v
09/19/2003 10:44a             34,257 ExecutionReport.java,v
09/19/2003 10:44a              1,219 Heartbeat.java,v
09/19/2003 10:44a             17,983 IndicationofInterest.java,v
09/19/2003 10:44a              2,421 ListCancelRequest.java,v
09/19/2003 10:44a              2,403 ListExecute.java,v
09/19/2003 10:44a              6,610 ListStatus.java,v
09/19/2003 10:44a              2,421 ListStatusRequest.java,v
09/19/2003 10:44a              3,833 Logon.java,v
09/19/2003 10:44a              1,167 Logout.java,v
09/19/2003 10:44a              419 Makefile.am,v
09/19/2003 10:44a              6,627 Makefile.in,v
09/19/2003 10:44a              7,531 Message.java,v
09/19/2003 10:44a             10,069 MessageCracker.java,v
09/19/2003 10:44a              5,449 MessageFactory.java,v
09/19/2003 10:44a             31,694 NewOrderList.java,v
09/19/2003 10:44a             30,281 NewOrderSingle.java,v
09/19/2003 10:44a             14,057 News.java,v
09/19/2003 10:44a              6,714 OrderCancelReject.java,v
09/19/2003 10:44a             29,812 OrderCancelReplaceRequest.java,v
09/19/2003 10:44a             14,172 OrderCancelRequest.java,v
09/19/2003 10:44a             11,290 OrderStatusRequest.java,v
09/19/2003 10:44a             17,751 Quote.java,v
09/19/2003 10:44a             13,013 QuoteRequest.java,v
09/19/2003 10:44a              1,882 Reject.java,v
09/19/2003 10:44a              2,018 ResendRequest.java,v
09/19/2003 10:44a              1,955 SequenceReset.java,v
09/19/2003 10:44a             22,837 SettlementInstructions.java,v
09/19/2003 10:44a              1,375 TestRequest.java,v
                                34 File(s)
                                393,342 bytes

```

Directory of D:\cvs\qfix\src\java\src\org\quickfix\fix42

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a              408 .cvsignore,v
09/19/2003 10:44a             20,954 Advertisement.java,v
09/19/2003 10:44a             50,173 Allocation.java,v
09/19/2003 10:44a              6,709 AllocationACK.java,v
09/19/2003 10:44a              5,140 BusinessMessageReject.java,v
09/19/2003 10:44a             18,626 DontKnowTrade.java,v
09/19/2003 10:44a             23,749 Email.java,v
09/19/2003 10:44a             56,664 ExecutionReport.java,v
09/19/2003 10:44a              1,219 Heartbeat.java,v

```



```

dir.txt
09/19/2003 10:44a 25,577 IndicationofInterest.java,v
09/19/2003 10:44a 3,755 ListCancelRequest.java,v
09/19/2003 10:44a 4,857 ListExecute.java,v
09/19/2003 10:44a 13,724 ListStatus.java,v
09/19/2003 10:44a 3,080 ListStatusRequest.java,v
09/19/2003 10:44a 6,384 Logon.java,v
09/19/2003 10:44a 2,368 Logout.java,v
09/19/2003 10:44a 419 Makefile.am,v
09/19/2003 10:44a 6,627 Makefile.in,v
09/19/2003 10:44a 36,441 MarketDataIncrementalRefresh.java,v
09/19/2003 10:44a 18,615 MarketDataRequest.java,v
09/19/2003 10:44a 3,725 MarketDataRequestReject.java,v
09/19/2003 10:44a 33,687 MarketDataSnapshotFullRefresh.java,v
09/19/2003 10:44a 42,829 MassQuote.java,v
09/19/2003 10:44a 8,566 Message.java,v
09/19/2003 10:44a 14,384 MessageCracker.java,v
09/19/2003 10:44a 6,875 MessageFactory.java,v
09/19/2003 10:44a 55,143 NewOrderList.java,v
09/19/2003 10:44a 44,789 NewOrdersSingle.java,v
09/19/2003 10:44a 22,450 News.java,v
09/19/2003 10:44a 9,783 OrderCancelReject.java,v
09/19/2003 10:44a 44,320 OrderCancelReplaceRequest.java,v
09/19/2003 10:44a 21,608 OrderCancelRequest.java,v
09/19/2003 10:44a 15,649 OrderStatusRequest.java,v
09/19/2003 10:44a 23,402 Quote.java,v
09/19/2003 10:44a 34,410 QuoteAcknowledgement.java,v
09/19/2003 10:44a 17,136 QuoteCancel.java,v
09/19/2003 10:44a 21,140 QuoteRequest.java,v
09/19/2003 10:44a 13,925 QuoteStatusRequest.java,v
09/19/2003 10:44a 4,880 Reject.java,v
09/19/2003 10:44a 2,018 ResendRequest.java,v
09/19/2003 10:44a 33,975 SecurityDefinition.java,v
09/19/2003 10:44a 32,592 SecurityDefinitionRequest.java,v
09/19/2003 10:44a 22,372 SecurityStatus.java,v
09/19/2003 10:44a 14,987 SecurityStatusRequest.java,v
09/19/2003 10:44a 1,955 SequenceReset.java,v
09/19/2003 10:44a 24,169 SettlementInstructions.java,v
09/19/2003 10:44a 1,375 TestRequest.java,v
09/19/2003 10:44a 10,155 TradingSessionStatus.java,v
09/19/2003 10:44a 4,091 TradingSessionStatusRequest.java,v
49 File(s) 891,879 bytes

```

Directory of D:\cvs\qfix\src\java\src\org\quickfix\fix43

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/19/2003 10:44a 408 .cvsignore,v
09/19/2003 10:44a 31,629 Advertisement.java,v
09/19/2003 10:44a 73,096 Allocation.java,v
09/19/2003 10:44a 9,276 AllocationACK.java,v
09/19/2003 10:44a 30,663 BidRequest.java,v
09/19/2003 10:44a 13,299 BidResponse.java,v
09/19/2003 10:44a 5,140 BusinessMessageReject.java,v
09/19/2003 10:44a 86,019 CrossOrderCancelReplaceRequest.java,v
09/19/2003 10:44a 39,732 CrossOrderCancelRequest.java,v
09/19/2003 10:44a 80,900 DerivativeSecurityList.java,v
09/19/2003 10:44a 31,840 DerivativeSecurityListRequest.java,v
09/19/2003 10:44a 30,441 DontKnowTrade.java,v
09/19/2003 10:44a 33,985 Email.java,v
09/19/2003 10:44a 139,091 ExecutionReport.java,v
09/19/2003 10:44a 1,219 Heartbeat.java,v
09/19/2003 10:44a 38,586 IndicationOfInterest.java,v
09/19/2003 10:44a 4,423 ListCancelRequest.java,v

```

```

09/19/2003 10:44a      4,857 ListExecute.java,v
09/19/2003 10:44a     15,030 ListStatus.java,v
09/19/2003 10:44a      3,080 ListStatusRequest.java,v
09/19/2003 10:44a     30,085 ListStrikePrice.java,v
09/19/2003 10:44a      8,172 Logon.java,v
09/19/2003 10:44a      2,368 Logout.java,v
09/19/2003 10:44a      6,419 Makefile.am,v
09/19/2003 10:44a      6,627 Makefile.in,v
09/19/2003 10:44a     49,960 MarketDataIncrementalRefresh.java,v
09/19/2003 10:44a     32,180 MarketDataRequest.java,v
09/19/2003 10:44a      3,725 MarketDataRequestReject.java,v
09/19/2003 10:44a     46,773 MarketDataSnapshotFullRefresh.java,v
09/19/2003 10:44a     74,641 MassQuote.java,v
09/19/2003 10:44a     75,275 MassQuoteAcknowledgement.java,v
09/19/2003 10:44a      8,566 Message.java,v
09/19/2003 10:44a     21,200 MessageCracker.java,v
09/19/2003 10:44a      9,162 MessageFactory.java,v
09/19/2003 10:44a    103,145 MultiLegOrderCancelReplaceRequest.java,v
09/19/2003 10:44a     83,513 NewOrderCross.java,v
09/19/2003 10:44a     92,994 NewOrderList.java,v
09/19/2003 10:44a    101,267 NewOrderMultiLeg.java,v
09/19/2003 10:44a     81,873 NewOrderSingle.java,v
09/19/2003 10:44a     32,686 News.java,v
09/19/2003 10:44a     12,366 OrderCancelReject.java,v
09/19/2003 10:44a     79,956 OrderCancelReplaceRequest.java,v
09/19/2003 10:44a     37,236 OrderCancelRequest.java,v
09/19/2003 10:44a     59,706 OrderMassCancelReport.java,v
09/19/2003 10:44a     53,753 OrderMassCancelRequest.java,v
09/19/2003 10:44a     54,430 OrderMassStatusRequest.java,v
09/19/2003 10:44a     28,831 OrderStatusRequest.java,v
09/19/2003 10:44a     51,378 Quote.java,v
09/19/2003 10:44a     31,649 QuoteCancel.java,v
09/19/2003 10:44a     44,994 QuoteRequest.java,v
09/19/2003 10:44a     23,775 QuoteRequestReject.java,v
09/19/2003 10:44a     49,675 QuoteStatusReport.java,v
09/19/2003 10:44a     29,536 QuoteStatusRequest.java,v
09/19/2003 10:44a     23,610 RegistrationInstructions.java,v
09/19/2003 10:44a      9,003 RegistrationInstructionsResponse.java,v
09/19/2003 10:44a      4,880 Reject.java,v
09/19/2003 10:44a      2,018 ResendRequest.java,v
09/19/2003 10:44a     28,043 RFQRequest.java,v
09/19/2003 10:44a     54,615 SecurityDefinition.java,v
09/19/2003 10:44a     53,424 SecurityDefinitionRequest.java,v
09/19/2003 10:44a     56,771 SecurityList.java,v
09/19/2003 10:44a     27,979 SecurityListRequest.java,v
09/19/2003 10:44a     34,663 SecurityStatus.java,v
09/19/2003 10:44a     25,638 SecurityStatusRequest.java,v
09/19/2003 10:44a      4,462 SecurityTypeRequest.java,v
09/19/2003 10:44a      9,873 SecurityTypes.java,v
09/19/2003 10:44a     1,955 SequenceReset.java,v
09/19/2003 10:44a     32,749 SettlementInstructions.java,v
09/19/2003 10:44a      1,375 TestRequest.java,v
09/19/2003 10:44a     73,576 TradeCaptureReport.java,v
09/19/2003 10:44a    35,090 TradeCaptureReportRequest.java,v
09/19/2003 10:44a     11,500 TradingSessionStatus.java,v
09/19/2003 10:44a      4,750 TradingSessionStatusRequest.java,v
73 File(s)          2,590,604 bytes

```

Directory of D:\cvs\qfix\src\java\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      408 .cvsignore,v

```

```

                                dir.txt
09/19/2003  10:44a                946 AllTests.java,v
09/19/2003  10:44a            2,118 ApplicationImpl.java,v
09/19/2003  10:44a            1,062 FieldTest.java,v
09/19/2003  10:44a            7,243 Generator.java,v
09/19/2003  10:44a            419 Makefile.am,v
09/19/2003  10:44a            6,573 Makefile.in,v
09/19/2003  10:44a            4,881 MessageTest.java,v
09/19/2003  10:44a            3,812 OrderTest.java,v
09/19/2003  10:44a            2,042 PerformanceTest.java,v
                                10 File(s)
                                29,504 bytes

```

## Directory of D:\cvs\qfix\src\ruby

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a                424 .cvsignore,v
09/19/2003  10:44a            623 Makefile.am,v
09/19/2003  10:44a        10,179 Makefile.in,v
09/19/2003  10:44a            1,576 QuickFix.c,v
09/19/2003  10:44a            913 QuickFixTestCase.rb,v
                                5 File(s)
                                13,715 bytes

```

## Directory of D:\cvs\qfix\src\sql

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a            436 create_mysql.bat,v
09/19/2003  10:44a            724 create_tables.sh,v
09/19/2003  10:44a            750 event_log_table.sql,v
09/19/2003  10:44a            755 incoming_log_table.sql,v
09/19/2003  10:44a            761 messages_table.sql,v
09/19/2003  10:44a            544 mysql.sql,v
09/19/2003  10:44a            756 outgoing_log_table.sql,v
09/19/2003  10:44a            459 quickfix_database.sql,v
09/19/2003  10:44a            797 sessions_table.sql,v
                                9 File(s)
                                5,982 bytes

```

## Directory of D:\cvs\qfix\templates

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a            410 .cvsignore,v
09/19/2003  10:44a            416 Makefile.am,v
09/19/2003  10:44a        6,550 Makefile.in,v
09/19/2003  10:44a            749 template_TestCase.cpp,v
09/19/2003  10:44a        1,028 template_TestCase.h,v
                                5 File(s)
                                9,153 bytes

```

## Directory of D:\cvs\qfix\test

```

01/01/1601  12:00a      <DIR>      .
01/01/1601  12:00a      <DIR>      ..
09/19/2003  10:44a      <DIR>      atrun
09/19/2003  10:44a      <DIR>      cfg
09/19/2003  10:44a      <DIR>      definitions
09/19/2003  10:44a            423 .cvsignore,v
09/19/2003  10:44a            563 atfixturerun.rb,v
09/19/2003  10:44a            491 check.sh,v
09/19/2003  10:44a        4,114 Comparator.rb,v
09/19/2003  10:44a        1,900 ComparatorTestCase.rb,v
09/19/2003  10:44a        3,401 FixParser.rb,v
09/19/2003  10:44a        1,376 FixParserTestCase.rb,v
09/19/2003  10:44a            499 Makefile.am,v

```

```

                                dir.txt
09/19/2003 10:44a             12,601 Makefile.in,v
09/19/2003 10:44a             5,502 Reflector.rb,v
09/19/2003 10:44a             4,938 ReflectorClient.rb,v
09/19/2003 10:44a             2,147 ReflectorClientTestCase.rb,v
09/19/2003 10:44a             4,454 ReflectorServer.rb,v
09/19/2003 10:44a             1,446 ReflectorServerTestCase.rb,v
09/19/2003 10:44a             7,220 ReflectorTestCase.rb,v
09/19/2003 10:44a             1,550 runat,v
09/19/2003 10:44a             1,915 runat.bat,v
09/19/2003 10:44a             1,358 runat_threaded,v
09/19/2003 10:44a             1,656 runat_threaded.bat,v
09/19/2003 10:44a             5,440 Runner.rb,v
09/19/2003 10:44a             1,259 RunnerTestCase.rb,v
09/19/2003 10:44a             1,364 runnewat,v
09/19/2003 10:44a             1,347 runnewat.bat,v
09/19/2003 10:44a             471 runut,v
09/19/2003 10:44a             736 runut.bat,v
09/19/2003 10:44a             3,189 SocketServer.rb,v
09/19/2003 10:44a             1,923 SocketServerTestCase.rb,v
09/19/2003 10:44a             3,688 test.rb,v
                                28 File(s)
                                76,971 bytes

```

## Directory of D:\cvs\qfix\test\atrun

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      <DIR>      test
09/19/2003 10:44a             451 .cvsignore,v
09/19/2003 10:44a             5,255 atrun.dsp,v
09/19/2003 10:44a             4,605 atrun.vcproj,v
09/19/2003 10:44a             3,092 main.cpp,v
09/19/2003 10:44a             428 Makefile.am,v
09/19/2003 10:44a             6,570 Makefile.in,v
09/19/2003 10:44a             3,259 Process.cpp,v
09/19/2003 10:44a             1,814 Process.h,v
09/19/2003 10:44a             787 TestSuite.h,v
                                9 File(s)
                                26,261 bytes

```

## Directory of D:\cvs\qfix\test\atrun\test

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a             4,293 ProcessTestCase.cpp,v
09/19/2003 10:44a             1,916 ProcessTestCase.h,v
                                2 File(s)
                                6,209 bytes

```

## Directory of D:\cvs\qfix\test\cfg

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a             422 .cvsignore,v
09/19/2003 10:44a             418 Makefile.am,v
09/19/2003 10:44a             6,556 Makefile.in,v
                                3 File(s)
                                7,396 bytes

```

## Directory of D:\cvs\qfix\test\definitions

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      <DIR>      client
09/19/2003 10:44a      <DIR>      server
09/19/2003 10:44a             410 .cvsignore,v
09/19/2003 10:44a             518 fields.fmt,v

```

```

                                dir.txt
09/19/2003 10:44a                452 Makefile.am,v
09/19/2003 10:44a            10,985 Makefile.in,v
09/19/2003 10:44a                401 SOH,v
09/19/2003 10:44a                494 SOH.rb,v
                                6 File(s)
                                13,260 bytes

```

Directory of D:\cvs\qfix\test\definitions\client

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                677 Normal.def,v
                                1 File(s)
                                677 bytes

```

Directory of D:\cvs\qfix\test\definitions\server

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      <DIR>      fix40
09/19/2003 10:44a      <DIR>      fix41
09/19/2003 10:44a      <DIR>      fix42
09/19/2003 10:44a      <DIR>      fix43
09/19/2003 10:44a      <DIR>      future
09/19/2003 10:44a                410 .cvsignore,v
09/19/2003 10:44a                435 Makefile.am,v
09/19/2003 10:44a            10,988 Makefile.in,v
                                3 File(s)
                                11,833 bytes

```

Directory of D:\cvs\qfix\test\definitions\server\fix40

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                866 10_MsgSeqNumEqual.def,v
09/19/2003 10:44a                907 10_MsgSeqNumGreater.def,v
09/19/2003 10:44a            1,029 10_MsgSeqNumLess.def,v
09/19/2003 10:44a            1,116 11a_NewSeqNoGreater.def,v
09/19/2003 10:44a            1,108 11b_NewSeqNoEqual.def,v
09/19/2003 10:44a            1,366 11c_NewSeqNoLess.def,v
09/19/2003 10:44a                712 13b_UnsolicitedLogoutMessage.def,v
09/19/2003 10:44a            2,213 14a_BadField.def,v
09/19/2003 10:44a            1,647 14b_RequiredFieldMissing.def,v
09/19/2003 10:44a            1,503 14c_TagNotDefinedForMsgType.def,v
09/19/2003 10:44a            1,399 14d_TagSpecifiedWithoutValue.def,v
09/19/2003 10:44a            1,374 14e_IncorrectEnumValue.def,v
09/19/2003 10:44a            1,316 14f_IncorrectDataFormat.def,v
09/19/2003 10:44a            1,688 14g_HeaderBodyTrailerFieldsOutOfOrder.def,v
09/19/2003 10:44a            1,734 15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a            1,474 19a_PossResendMessageThatHasAlreadyBeenSent.def,v
09/19/2003 10:44a            1,393 19b_PossResendMessageThatHasNotBeenSent.def,v
09/19/2003 10:44a            713 1a_ValidLogonMsgSeqNumTooHigh.def,v
09/19/2003 10:44a            606 1a_ValidLogonWithCorrectMsgSeqNum.def,v
09/19/2003 10:44a            901 1b_DuplicateIdentity.def,v
09/19/2003 10:44a            531 1c_InvalidSenderCompID.def,v
09/19/2003 10:44a            531 1c_InvalidTargetCompID.def,v
09/19/2003 10:44a            550 1d_InvalidLogonLengthInvalid.def,v
09/19/2003 10:44a            526 1d_InvalidLogonWrongBeginString.def,v
09/19/2003 10:44a            521 1e_NotLogonMessage.def,v
09/19/2003 10:44a            1,833 20_SimultaneousResendRequest.def,v
09/19/2003 10:44a            939 2a_MsgSeqNumCorrect.def,v
09/19/2003 10:44a            1,392 2b_MsgSeqNumTooHigh.def,v
09/19/2003 10:44a            831 2c_MsgSeqNumTooLow.def,v
09/19/2003 10:44a            1,405 2d_GarbledMessage.def,v

```

```

dir.txt
09/19/2003 10:44a 936 2e_PossDupAlreadyReceived.def,v
09/19/2003 10:44a 1,034 2e_PossDupNotReceived.def,v
09/19/2003 10:44a 1,497 2f_PossDupOrigSendingTimeTooHigh.def,v
09/19/2003 10:44a 1,614 2g_PossDupNoOrigSendingTime.def,v
09/19/2003 10:44a 1,216 2i_BeginStringValueUnexpected.def,v
09/19/2003 10:44a 2,101 2k_CompIDDoesNotMatchProfile.def,v
09/19/2003 10:44a 2,180 2m_BodyLengthValueNotCorrect.def,v
09/19/2003 10:44a 1,447 2o_SendingTimeValueOutOfRange.def,v
09/19/2003 10:44a 862 2q_MsgTypeNotValid.def,v
09/19/2003 10:44a 953 2r_UnregisteredMessageType.def,v
09/19/2003 10:44a 1,062 2t_FirstThreeFieldsOutOfOrder.def,v
09/19/2003 10:44a 1,343 3b_InvalidChecksum.def,v
09/19/2003 10:44a 1,166 3c_GarbledMessage.def,v
09/19/2003 10:44a 841 4a_NoDataSentDuringHeartBtInt.def,v
09/19/2003 10:44a 760 4b_ReceivedTestRequest.def,v
09/19/2003 10:44a 1,367 6_SendTestRequest.def,v
09/19/2003 10:44a 775 7_ReceiveRejectMessage.def,v
09/19/2003 10:44a 4,771 8_AdminAndApplicationMessages.def,v
09/19/2003 10:44a 1,607 8_OnlyAdminMessages.def,v
09/19/2003 10:44a 2,345 8_OnlyApplicationMessages.def,v
50 File(s) 64,001 bytes

```

Directory of D:\cvs\qfix\test\definitions\server\fix41

```

01/01/1601 12:00a <DIR> .
01/01/1601 12:00a <DIR> ..
09/19/2003 10:44a 866 10_MsgSeqNumEqual.def,v
09/19/2003 10:44a 907 10_MsgSeqNumGreater.def,v
09/19/2003 10:44a 1,029 10_MsgSeqNumLess.def,v
09/19/2003 10:44a 1,116 11a_NewSeqNoGreater.def,v
09/19/2003 10:44a 1,108 11b_NewSeqNoEqual.def,v
09/19/2003 10:44a 1,366 11c_NewSeqNoLess.def,v
09/19/2003 10:44a 712 13b_UnsolicitedLogoutMessage.def,v
09/19/2003 10:44a 2,213 14a_BadField.def,v
09/19/2003 10:44a 1,647 14b_RequiredFieldMissing.def,v
09/19/2003 10:44a 1,503 14c_TagNotDefinedForMessageType.def,v
09/19/2003 10:44a 1,399 14d_TagSpecifiedWithoutValue.def,v
09/19/2003 10:44a 1,374 14e_IncorrectEnumValue.def,v
09/19/2003 10:44a 1,316 14f_IncorrectDataFormat.def,v
09/19/2003 10:44a 1,694 14g_HeaderBodyTrailerFieldsOutOfOrder.def,v
09/19/2003 10:44a 1,734 15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a 1,474 19a_PossResendMessageThatHasAlreadyBeenSent.def,v
09/19/2003 10:44a 1,393 19b_PossResendMessageThatHasNotBeenSent.def,v
09/19/2003 10:44a 713 1a_ValidLogonMsgSeqNumTooHigh.def,v
09/19/2003 10:44a 606 1a_ValidLogonWithCorrectMsgSeqNum.def,v
09/19/2003 10:44a 901 1b_DuplicateIdentity.def,v
09/19/2003 10:44a 531 1c_InvalidSenderCompID.def,v
09/19/2003 10:44a 531 1c_InvalidTargetCompID.def,v
09/19/2003 10:44a 550 1d_InvalidLogonLengthInvalid.def,v
09/19/2003 10:44a 526 1d_InvalidLogonWrongBeginString.def,v
09/19/2003 10:44a 521 1e_NotLogonMessage.def,v
09/19/2003 10:44a 1,833 20_SimultaneousResendRequest.def,v
09/19/2003 10:44a 939 2a_MsgSeqNumCorrect.def,v
09/19/2003 10:44a 1,392 2b_MsgSeqNumTooHigh.def,v
09/19/2003 10:44a 831 2c_MsgSeqNumTooLow.def,v
09/19/2003 10:44a 1,405 2d_GarbledMessage.def,v
09/19/2003 10:44a 936 2e_PossDupAlreadyReceived.def,v
09/19/2003 10:44a 1,034 2e_PossDupNotReceived.def,v
09/19/2003 10:44a 1,497 2f_PossDupOrigSendingTimeTooHigh.def,v
09/19/2003 10:44a 1,614 2g_PossDupNoOrigSendingTime.def,v
09/19/2003 10:44a 1,216 2i_BeginStringValueUnexpected.def,v

```

```

                                dir.txt
09/19/2003 10:44a                2,101 2k_CompIDDoesNotMatchProfile.def,v
09/19/2003 10:44a                2,181 2m_BodyLengthValueNotCorrect.def,v
09/19/2003 10:44a                1,447 2o_SendingTimeValueOutOfRange.def,v
09/19/2003 10:44a                862 2q_MsgTypeNotValid.def,v
09/19/2003 10:44a                965 2r_UnregisteredMsgType.def,v
09/19/2003 10:44a                1,062 2t_FirstThreeFieldsOutOfOrder.def,v
09/19/2003 10:44a                1,343 3b_InvalidChecksum.def,v
09/19/2003 10:44a                1,166 3c_GarbledMessage.def,v
09/19/2003 10:44a                841 4a_NoDataSentDuringHeartBtInt.def,v
09/19/2003 10:44a                760 4b_ReceivedTestRequest.def,v
09/19/2003 10:44a                1,367 6_SendTestRequest.def,v
09/19/2003 10:44a                775 7_ReceiveRejectMessage.def,v
09/19/2003 10:44a                4,771 8_AdminAndApplicationMessages.def,v
09/19/2003 10:44a                1,607 8_OnlyAdminMessages.def,v
09/19/2003 10:44a                2,345 8_OnlyApplicationMessages.def,v
09/19/2003 10:44a                64,020 bytes
50 File(s)

```

Directory of D:\cvs\qfix\test\definitions\server\fix42

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a                866 10_MsgSeqNumEqual.def,v
09/19/2003 10:44a                907 10_MsgSeqNumGreater.def,v
09/19/2003 10:44a                1,029 10_MsgSeqNumLess.def,v
09/19/2003 10:44a                1,116 11a_NewSeqNoGreater.def,v
09/19/2003 10:44a                1,108 11b_NewSeqNoEqual.def,v
09/19/2003 10:44a                1,390 11c_NewSeqNoLess.def,v
09/19/2003 10:44a                712 13b_UnsolicitedLogoutMessage.def,v
09/19/2003 10:44a                2,269 14a_BadField.def,v
09/19/2003 10:44a                1,668 14b_RequiredFieldMissing.def,v
09/19/2003 10:44a                1,518 14c_TagNotDefinedForMsgType.def,v
09/19/2003 10:44a                1,414 14d_TagSpecifiedWithoutValue.def,v
09/19/2003 10:44a                2,060 14e_IncorrectEnumValue.def,v
09/19/2003 10:44a                1,331 14f_IncorrectDataFormat.def,v
09/19/2003 10:44a                1,712 14g_HeaderBodyTrailerFieldsOutOfOrder.def,v
09/19/2003 10:44a                1,768
15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a                1,494
19a_PossResendMessageThatHASAlreadyBeenSent.def,v
09/19/2003 10:44a                1,411 19b_PossResendMessageThatHasNotBeenSent.def,v
09/19/2003 10:44a                713 1a_ValidLogonMsgSeqNumTooHigh.def,v
09/19/2003 10:44a                606 1a_ValidLogonWithCorrectMsgSeqNum.def,v
09/19/2003 10:44a                901 1b_DuplicateIdentity.def,v
09/19/2003 10:44a                531 1c_InvalidSenderCompID.def,v
09/19/2003 10:44a                531 1c_InvalidTargetCompID.def,v
09/19/2003 10:44a                550 1d_InvalidLogonLengthInvalid.def,v
09/19/2003 10:44a                526 1d_InvalidLogonWrongBeginString.def,v
09/19/2003 10:44a                521 1e_NotLogonMessage.def,v
09/19/2003 10:44a                1,895 20_SimultaneousResendRequest.def,v
09/19/2003 10:44a                1,632
21_RepeatingGroupSpecifierWithValueOfZero.def,v
09/19/2003 10:44a                939 2a_MsgSeqNumCorrect.def,v
09/19/2003 10:44a                1,392 2b_MsgSeqNumTooHigh.def,v
09/19/2003 10:44a                831 2c_MsgSeqNumTooLow.def,v
09/19/2003 10:44a                1,417 2d_GarbledMessage.def,v
09/19/2003 10:44a                936 2e_PossDupAlreadyReceived.def,v
09/19/2003 10:44a                1,034 2e_PossDupNotReceived.def,v
09/19/2003 10:44a                1,547 2f_PossDupOrigSendingTimeTooHigh.def,v
09/19/2003 10:44a                1,665 2g_PossDupNoOrigSendingTime.def,v
09/19/2003 10:44a                1,216 2i_BeginStringValueUnexpected.def,v
09/19/2003 10:44a                2,146 2k_CompIDDoesNotMatchProfile.def,v
09/19/2003 10:44a                2,250 2m_BodyLengthValueNotCorrect.def,v
09/19/2003 10:44a                1,473 2o_SendingTimeValueOutOfRange.def,v

```

```

dir.txt
09/19/2003 10:44a      875 2q_MsgTypeNotValid.def,v
09/19/2003 10:44a      952 2r_UnregisteredMsgType.def,v
09/19/2003 10:44a     1,062 2t_FirstThreeFieldsOutOfOrder.def,v
09/19/2003 10:44a     1,355 3b_InvalidChecksum.def,v
09/19/2003 10:44a     1,166 3c_GarbledMessage.def,v
09/19/2003 10:44a      841 4a_NoDataSentDuringHeartBtInt.def,v
09/19/2003 10:44a      760 4b_ReceivedTestRequest.def,v
09/19/2003 10:44a     1,360 6_SendTestRequest.def,v
09/19/2003 10:44a      775 7_ReceiveRejectMessage.def,v
09/19/2003 10:44a     4,952 8_AdminAndApplicationMessages.def,v
09/19/2003 10:44a     1,597 8_OnlyAdminMessages.def,v
09/19/2003 10:44a     2,470 8_OnlyApplicationMessages.def,v
51 File(s)          67,190 bytes

```

## Directory of D:\cvs\qfix\test\definitions\server\fix43

```

01/01/1601 12:00a      <DIR>      .
01/01/1601 12:00a      <DIR>      ..
09/19/2003 10:44a      866 10_MsgSeqNumEqual.def,v
09/19/2003 10:44a      907 10_MsgSeqNumGreater.def,v
09/19/2003 10:44a     1,029 10_MsgSeqNumLess.def,v
09/19/2003 10:44a     1,116 11a_NewSeqNoGreater.def,v
09/19/2003 10:44a     1,108 11b_NewSeqNoEqual.def,v
09/19/2003 10:44a     1,390 11c_NewSeqNoLess.def,v
09/19/2003 10:44a      712 13b_UnsolicitedLogoutMessage.def,v
09/19/2003 10:44a     2,269 14a_BadField.def,v
09/19/2003 10:44a     1,668 14b_RequiredFieldMissing.def,v
09/19/2003 10:44a     1,518 14c_TagNotDefinedForMsgType.def,v
09/19/2003 10:44a     1,414 14d_TagSpecifiedWithoutValue.def,v
09/19/2003 10:44a     2,057 14e_IncorrectEnumValue.def,v
09/19/2003 10:44a     1,331 14f_IncorrectDataFormat.def,v
09/19/2003 10:44a     1,726 14g_HeaderBodyTrailerFieldsOutOfOrder.def,v
09/19/2003 10:44a     1,768 15_HeaderAndBodyFieldsOrderedDifferently.def,v
09/19/2003 10:44a     1,494 19a_PossResendMessageThatHasAlreadyBeenSent.def,v
09/19/2003 10:44a     1,411 19b_PossResendMessageThatHasNotBeenSent.def,v
09/19/2003 10:44a      713 1a_ValidLogonMsgSeqNumTooHigh.def,v
09/19/2003 10:44a      606 1a_ValidLogonWithCorrectMsgSeqNum.def,v
09/19/2003 10:44a      901 1b_DuplicateIdentity.def,v
09/19/2003 10:44a      531 1c_InvalidSenderCompID.def,v
09/19/2003 10:44a      531 1c_InvalidTargetCompID.def,v
09/19/2003 10:44a      550 1d_InvalidLogonLengthInvalid.def,v
09/19/2003 10:44a      526 1d_InvalidLogonWrongBeginString.def,v
09/19/2003 10:44a      521 1e_NotLogonMessage.def,v
09/19/2003 10:44a     1,895 20_SimultaneousResendRequest.def,v
09/19/2003 10:44a     1,605 21_RepeatingGroupSpecifierWithValueOfZero.def,v
09/19/2003 10:44a      939 2a_MsgSeqNumCorrect.def,v
09/19/2003 10:44a     1,392 2b_MsgSeqNumTooHigh.def,v
09/19/2003 10:44a      831 2c_MsgSeqNumTooLow.def,v
09/19/2003 10:44a     1,417 2d_GarbledMessage.def,v
09/19/2003 10:44a      936 2e_PossDupAlreadyReceived.def,v
09/19/2003 10:44a     1,034 2e_PossDupNotReceived.def,v
09/19/2003 10:44a     1,547 2f_PossDupOrigSendingTimeTooHigh.def,v
09/19/2003 10:44a     1,665 2g_PossDupNoOrigSendingTime.def,v
09/19/2003 10:44a     1,216 2i_BeginStringValueUnexpected.def,v
09/19/2003 10:44a     2,146 2k_CompIDDoesNotMatchProfile.def,v
09/19/2003 10:44a     2,257 2m_BodyLengthValueNotCorrect.def,v
09/19/2003 10:44a     1,473 2o_SendingTimeValueOutOfRange.def,v
09/19/2003 10:44a      875 2q_MsgTypeNotValid.def,v
09/19/2003 10:44a      947 2r_UnregisteredMsgType.def,v
09/19/2003 10:44a     1,062 2t_FirstThreeFieldsOutOfOrder.def,v

```



```

                                dir.txt
09/19/2003 10:44a                1,355 3b_InvalidChecksum.def,v
09/19/2003 10:44a                1,166 3c_GarbledMessage.def,v
09/19/2003 10:44a                841 4a_NoDataSentDuringHeartBtInt.def,v
09/19/2003 10:44a                760 4b_ReceivedTestRequest.def,v
09/19/2003 10:44a                1,360 6_SendTestRequest.def,v
09/19/2003 10:44a                775 7_ReceiveRejectMessage.def,v
09/19/2003 10:44a                4,952 8_AdminAndApplicationMessages.def,v
09/19/2003 10:44a                1,597 8_OnlyAdminMessages.def,v
09/19/2003 10:44a                2,470 8_OnlyApplicationMessages.def,v
                                51 File(s)
                                67,176 bytes

```

## Directory of D:\cvs\qfix\test\definitions\server\future

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
09/19/2003 10:44a                408 .cvsignore,v
09/19/2003 10:44a                1,372 14h_RepeatedTag.def,v
09/19/2003 10:44a                1,366 14i_RepeatingGroupCountNotEqual.def,v
09/19/2003 10:44a                1,393 14j_OutOfRepeatingGroupMembers.def,v
09/19/2003 10:44a                1,306 14k_EmbeddedSOH.def,v
09/19/2003 10:44a                606 1a_ValidLogonWithCorrectMsgSeqNum.def,v
09/19/2003 10:44a                418 Makefile.am,v
09/19/2003 10:44a                6,612 Makefile.in,v
                                8 File(s)
                                13,481 bytes

```

## Directory of D:\cvs\syb\lib

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
09/19/2003 11:24a                614 gcc.sh,v
09/19/2003 11:24a                17,651 SybInterface.cpp,v
                                2 File(s)
                                18,265 bytes

```

## Directory of D:\cvs\tmp

```

01/01/1601 12:00a                <DIR>      .
01/01/1601 12:00a                <DIR>      ..
                                0 File(s)
                                0 bytes

```

```

Total Files Listed:
    3845 File(s)          57,753,814 bytes
    1329 Dir(s)           0 bytes free

```